



INFORMATION TECHNOLOGY: PRACTICAL EXAMINATION

INSTRUCTIONS TO TEACHERS

1. For the examination requirements for Information Technology please read pages 3 – 5 of the *Subject Assessment Guidelines*.
2. The school will receive a data disk containing files for the examination. These should be checked by the Information Technology teacher two days before the examination. Please refer to the instructions concerning data files supplied on page 3. Copies of the data are provided later in this document for your reference.
3. Do not open the sealed envelopes containing the examination papers and marking guidelines until the day of the examination.
4. Each candidate must be supplied with a disk (or space on a network drive) for his/her exclusive use throughout the examination.
 - (a) No candidate may have access to another candidate's work during the examination.
 - (b) Disable any shared folders on the network.
 - (c) Ensure that the candidates cannot use their own flash drives or memory sticks. If your candidates normally use usernames and passwords then create a new username for each candidate.
5. Please ensure that the machines have been checked and all extraneous data/programs have been removed. Disable communications programs that will allow chatting or messaging. Ensure that no communication can take place between machines.
6. No candidate may access the Internet during the examination.
7. Information Technology teachers are allowed to invigilate the Information Technology examinations in case there are problems with the hardware and system software. Obviously, they may not assist the candidates in any way with their particular program(s).
8. The candidates may use the help facility that has been supplied with the programming language's software. They may not use any other manuals or documentation. In the case of Java, they may use the standard APIs available on the java.sun.com site. These should be downloaded **before** the examination and copied onto each candidate's disk space provided for the examination.

9. The three hours of the examination does not include printing time. It is exclusively for coding. At the end of the three hours, printing must be done either by the candidates, or if conditions are not suitable for this, by the Information Technology teacher. No code or data may be altered after the three-hour time period has expired.
10. Teachers must inform their candidates what printing arrangements have been made at their school.
11. In case of a power failure or other technical interruption, all candidates must remain silent and under examination conditions. Once the interruption has passed, candidates will have only the time that was remaining when the interruption began. No candidate may receive extra time to compensate for work lost from not saving prior to the interruption.
12. Please note that the Information Technology question paper has been divided into two sections: the first is for Structured Query Language (SQL) and the second for Object Oriented Programming. The two sections may be answered in any order and are independent of each other.
13. **INSTRUCTIONS FOR MARKING AND SUBMITTING THIS PRACTICAL EXAMINATION APPEAR ON THE MARKING GUIDELINES. PLEASE PAY CLOSE ATTENTION TO THIS DOCUMENT WHEN IT IS RELEASED.**

TO THE TEACHER RESPONSIBLE FOR CANDIDATES IN THE INFORMATION TECHNOLOGY PRACTICAL EXAMINATION

INSTRUCTIONS CONCERNING DATA FILES SUPPLIED ON DISK

You have been supplied with files on a CD. It is the responsibility of the Information Technology teacher to check **two days before the examination** that they can open the files and that the files can be read by the relevant applications. Printouts of the files are given, starting on the page following this document. The details of the files are as follows:

Files for Learners: Please consult the folders on the CD. These are the important files only.

Section A:

SQL Answer Sheet.rtf
TheatreDB.mdb
TheatreDB.sql (MySQL import)
SQL Browser software

Section B:

bookings.txt

If you have any problems with accessing the files on disk, please notify the IEB immediately.

Individual copies of these files will be required by each candidate writing the Information Technology Practical Examination. Please copy the relevant files onto a disk for each candidate's exclusive use, or onto the disk space that will be used exclusively by each candidate.

The candidates are asked, in the question paper, to create backups of these files. However, it may be wise to keep a fresh set of these files on a flash drive so that copies may be quickly distributed to candidates who might alter their files and not have a backup to restore from.

Teachers are advised to supply only those files that are needed for the pupils in their centre (don't supply the MySQL files if your candidates are writing with Access or *vice versa*).

Confidentiality is of the utmost importance. Under no circumstances should candidates have access to these files before the examination.

After the examination, create a folder for each candidate using their name and examination number. Copy ALL the candidate's files into their particular folder. Be sure to include the data files that are accessed by the program. Ensure that the candidates have not used path names for the data files in their programs. If candidates have used full path names, the files sent to the IEB must reflect this. Teachers may change the code for the purpose of validating the program, but may NOT overwrite the original file. The CD should contain an exact copy of the candidates' work as it existed when the examination finished.

Send the CD with the marked practical examinations to the IEB. Ensure that you have attended the cluster group meetings and have used the updated mark schemes to mark all the practical exams.

FILES FOR LEARNERS

The following pages contain the hard-copy print-outs of the data supplied to each of the candidates.

SECTION A

TheatreDB.mdb

There are three tables in this database: tblActors, tblShows, tblRows:

tblActors

tblActors			
ActorID	ActorName	ActorDOB	ActorRate
1	Garth York	1980/09/05	R 450.00
2	Ebony Sweeney	1981/02/23	R 300.00
3	Mary Rocha	1962/01/31	R 750.00
4	Summer Dickson	1970/07/30	R 275.00
5	Clarke Stafford	1969/03/17	R 375.00
6	Veronica Decker	1983/01/10	R 150.00
7	Jason Hyde	1963/10/15	R 225.00
8	Odette Barker	1982/07/31	R 225.00
9	Oprah Buckner	1982/12/11	R 550.00
10	Amir Collier	1965/11/09	R 750.00
11	Cade Ewing	1979/11/22	R 275.00
12	Callie Moon	1983/03/20	R 375.00
13	Britanni Puckett	1981/12/18	R 750.00
14	Zelda Fry	1963/06/01	R 225.00
15	Maggy House	1978/06/04	R 550.00
16	Elliott Saunders	1964/10/22	R 375.00
17	Noelle Dillard	1975/03/10	R 550.00
18	Donna Mullen	1966/10/12	R 750.00
19	Leonard Hickman	1983/05/06	R 375.00
20	Debra David	1976/08/05	R 275.00
21	Denton French	1977/12/07	R 750.00
22	Darius Becker	1965/06/17	R 275.00
23	Palmer Reyes	1969/04/25	R 275.00
24	Jared Larson	1973/08/17	R 300.00
25	Prescott McMahon	1968/03/05	R 450.00
26	Chadwick Gardner	1966/07/17	R 225.00
27	Galvin Merritt	1981/11/14	R 375.00
28	Dacey Mathis	1973/10/04	R 375.00
29	Hall Holt	1963/06/26	R 450.00
30	Willow Woods	1981/09/12	R 375.00

tblShows

tblShows						
ShowID	ShowName	ShowDate	ShowTime	ShowDuration	ShowCapacity	ShowCost
12Night	Twelfth Night	2013/11/08	15:00	160	325	200
2Gents	Two Gentlemen of Verona	2013/11/20	15:00	215	350	200
Ado	Much Ado about Nothing	2013/11/03	15:00	109	415	200
Errors	Comedy of Errors	2013/11/24	20:00	155	300	350
Henry5	Henry V	2013/11/12	17:30	270	300	250
Lear	King Lear	2013/11/04	17:30	179	350	250
Macbeth	Macbeth	2013/11/09	17:30	174	280	250
Merchant	Merchant of Venice	2013/11/20	17:30	279	400	250
MND	Midsummer Night's Dream	2013/11/24	15:00	204	375	200
Othello	Othello	2013/11/20	20:00	190	300	350
Romeo	Romeo and Juliet	2013/11/22	17:30	160	360	250

tblRoles

tblRoles		
ActorID	RoleName	ShowID
1	Olivia	12Night
1	Third Outlaw	2Gents
1	Don Pedro	Ado
1	Aemilia	Errors
1	Duke of Bourbon	Henry5
1	Banquo	Macbeth
1	Lorenzo	Merchant
1	Hippolyta	MND
1	Sailor	Othello
2	Hero	Ado
2	Sir Thomas Grey	Henry5
2	Second Witch	Macbeth
2	Oberon	MND
2	Second Musician	Romeo
3	Dogberry	Ado
3	Earl of Cambridge	Henry5
3	Servant 1	Lear
3	First Witch	Macbeth
3	Prince of Morocco	Merchant
3	Fairy	MND
3	Third Gentleman	Othello
3	Benvolio	Romeo
4	Sexton	Ado
4	Balthazar	Errors

tblRoles		
ActorID	RoleName	ShowID
4	Doctor	Macbeth
4	Old Gobbo	Merchant
4	Herald	Othello
4	Second Servant	Romeo
5	Launce	2Gents
5	Benedick	Ado
5	Luce	Errors
5	Duncan	Macbeth
5	Salerio	Merchant
5	Hermia	MND
5	Roderigo	Othello
6	Feste	12Night
6	Ursula	Ado
6	Courtezan	Errors
6	Bates	Henry5
6	Gentlewoman	Macbeth
6	Clown	Othello
7	Fabian	12Night
7	Claudio	Ado
7	Aegeon	Errors
7	Bishop of Ely	Henry5
7	Caithness	Macbeth
7	Leonardo	Merchant
8	Malvolio	12Night
8	First Watchman	Ado

tblRoles		
ActorID	RoleName	ShowID
8	Antipholus of Ephesus	Errors
8	Court	Henry5
8	Donalbain	Macbeth
8	Bottom	MND
8	Juliet	Romeo
9	Antonio	12Night
9	Leonato	Ado
9	Fluellen	Henry5
9	Curan	Lear
9	Second Apparition	Macbeth
9	Puck	MND
9	Sampson	Romeo
10	Panthino	2Gents
10	Katharine	Henry5
10	Goneril	Lear
10	Soldiers	Macbeth
10	Jessica	Merchant
10	Theseus	MND
10	Mercutio	Romeo
11	Lucetta	2Gents
11	King of France	Henry5
11	Lear	Lear
11	Young Siward	Macbeth
11	Lysander	MND
11	Cassio	Othello
11	Abraham	Romeo
12	Maria	12Night
12	First Merchant	Errors
12	Constable of France	Henry5
12	Earl of Kent	Lear
12	Ross	Macbeth
12	Cobweb	MND
12	Second Capulet	Romeo
13	Orsino	12Night
13	Second Outlaw	2Gents
13	Antipholus of Syracuse	Errors
13	Duke of York	Henry5
13	Cordelia	Lear
13	Lady Macduff	Macbeth
13	Titania	MND
13	Bianca	Othello
13	Lady Capulet	Romeo

tblRoles		
ActorID	RoleName	ShowID
14	Viola	12Night
14	Eglamour	2Gents
14	Duke of Orleans	Henry5
14	Regan	Lear
14	Sergeant	Macbeth
14	Launcelot Gobbo	Merchant
14	Egeus	MND
14	Friar John	Romeo
15	Sebastian	12Night
15	Conrade	Ado
15	Lewis the Dauphin	Henry5
15	Servant 3	Lear
15	Lady Macbeth	Macbeth
15	Desdemona	Othello
15	Paris	Romeo
16	Verges	Ado
16	Grandpre	Henry5
16	Duke of Albany	Lear
16	Lennox	Macbeth
16	Balthasar	Merchant
16	Snug	MND
16	Iago	Othello
17	Julia	2Gents
17	Boy	Ado
17	Lord Scroop	Henry5
17	Fool	Lear
17	Malcolm	Macbeth
17	Demetrius	MND
17	Montano	Othello
17	Nurse	Romeo
18	Silvia	2Gents
18	Don John	Ado
18	Second Merchant	Errors
18	Governor of Harfleur	Henry5
18	Oswald	Lear
18	Third Witch	Macbeth
18	Moth	MND
18	Lodovico	Othello
18	Prince Escalus	Romeo
19	Margaret	Ado
19	Gaoler	Errors
19	Rambures	Henry5

tblRoles		
ActorID	RoleName	ShowID
19	Third Murderer	Macbeth
19	First Musician	Romeo
20	Luciana	Errors
20	Montjoy	Henry5
20	Duke of Cornwall	Lear
20	Hecate	Macbeth
20	Prince of Arragon	Merchant
20	Mustardseed	MND
20	Tybalt	Romeo
21	Sir Andrew Aguecheek	12Night
21	Outlaws	2Gents
21	Watchman	Ado
21	Dromio of Ephesus	Errors
21	Williams	Henry5
21	Knight	Lear
21	Angus	Macbeth
21	Salarino	Merchant
21	Flute	MND
21	Gregory	Romeo
22	First Officer	12Night
22	Host	2Gents
22	Archbishop of Canterbury	Henry5
22	Earl of Gloucester	Lear
22	First Apparition	Macbeth
22	Bassanio	Merchant
22	Philostrate	MND
22	Third Musician	Romeo
23	Curio	12Night
23	First Outlaw	2Gents
23	Friar Francis	Ado
23	First Ambassador	Henry5
23	Fleance	Macbeth
23	Gratiano	Merchant
23	Snout	MND
24	Thurio	2Gents
24	French Soldier	Henry5
24	Edgar	Lear
24	Menteith	Macbeth
24	Salanio	Merchant
24	Starveling	MND
24	Montague	Romeo
25	Second Officer	12Night

tblRoles		
ActorID	RoleName	ShowID
25	Speed	2Gents
25	Beatrice	Ado
25	Macmorris	Henry5
25	Old Man	Macbeth
25	Shylock	Merchant
25	Apothecary	Romeo
26	Duke of Milan	2Gents
26	Sir Thomas Erpingham	Henry5
26	Edmund	Lear
26	Seyton	Macbeth
26	Nerissa	Merchant
26	Friar Laurence	Romeo
27	Proteus	2Gents
27	Dromio of Syracuse	Errors
27	Queen Isabel	Henry5
27	Servant 2	Lear
27	Third Apparition	Macbeth
27	Clerk	Merchant
27	Quince	MND
27	Othello	Othello
28	Sir Toby Belch	12Night
28	Borachio	Ado
28	Adriana	Errors
28	Alice	Henry5
28	Macbeth	Macbeth
28	Tubal	Merchant
28	Brabantio	Othello
28	Lady Montague	Romeo
29	Valentine	12Night
29	Pinch	Errors
29	Macduff	Macbeth
29	Peaseblossom	MND
29	Fourth Gentleman	Othello
29	Romeo	Romeo
30	Solinus	Errors
30	Jamy	Henry5
30	Siward	Macbeth
30	Duke of Venice	Othello
30	Capulet	Romeo

TheatreDB.sql

```
-- -----
-- Host:                                bob
-- Server version:                      5.5.16 - MySQL Community Server (GPL)
-- Server OS:                          Win32
-- HeidiSQL version:                   7.0.0.4053
-- Date/time:                         2013-05-23 10:47:51
-- -----

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET NAMES utf8 */;
/*!40014 SET FOREIGN_KEY_CHECKS=0 */;

-- Dumping database structure for theatredb
DROP DATABASE IF EXISTS `theatredb`;
CREATE DATABASE IF NOT EXISTS `theatredb` /*!40100 DEFAULT CHARACTER SET latin1 */;
USE `theatredb`;

-- Dumping structure for table theatredb.tblactors
DROP TABLE IF EXISTS `tblactors`;
CREATE TABLE IF NOT EXISTS `tblactors` (
  `ActorID` int(10) NOT NULL AUTO_INCREMENT,
  `ActorName` varchar(255) DEFAULT NULL,
  `ActorDOB` date DEFAULT NULL,
  `ActorRate` decimal(19,4) DEFAULT NULL,
  PRIMARY KEY (`ActorID`)
) ENGINE=InnoDB AUTO_INCREMENT=50 DEFAULT CHARSET=utf8;

-- Dumping data for table theatredb.tblactors: ~30 rows (approximately)
/*!40000 ALTER TABLE `tblactors` DISABLE KEYS */;
INSERT INTO `tblactors` (`ActorID`, `ActorName`, `ActorDOB`, `ActorRate`)
VALUES
(1, 'Garth York', '1980-09-05', 450.0000),
(2, 'Ebony Sweeney', '1981-02-23', 300.0000),
(3, 'Mary Rocha', '1962-01-31', 750.0000),
(4, 'Summer Dickson', '1970-07-30', 275.0000),
(5, 'Clarke Stafford', '1969-03-17', 375.0000),
(6, 'Veronica Decker', '1983-01-10', 150.0000),
(7, 'Jason Hyde', '1963-10-15', 225.0000),
(8, 'Odette Barker', '1982-07-31', 225.0000),
(9, 'Oprah Buckner', '1982-12-11', 550.0000),
(10, 'Amir Collier', '1965-11-09', 750.0000),
(11, 'Cade Ewing', '1979-11-22', 275.0000),
(12, 'Callie Moon', '1983-03-20', 375.0000),
(13, 'Britanni Puckett', '1981-12-18', 750.0000),
(14, 'Zelda Fry', '1963-06-01', 225.0000),
(15, 'Maggy House', '1978-06-04', 550.0000),
(16, 'Elliott Saunders', '1964-10-22', 375.0000),
(17, 'Noelle Dillard', '1975-03-10', 550.0000),
(18, 'Donna Mullen', '1966-10-12', 750.0000),
(19, 'Leonard Hickman', '1983-05-06', 375.0000),
(20, 'Debra David', '1976-08-05', 275.0000),
(21, 'Denton French', '1977-12-07', 750.0000),
(22, 'Darius Becker', '1965-06-17', 275.0000),
(23, 'Palmer Reyes', '1969-04-25', 275.0000),
(24, 'Jared Larson', '1973-08-17', 300.0000),
(25, 'Prescott McMahon', '1968-03-05', 450.0000),
(26, 'Chadwick Gardner', '1966-07-17', 225.0000),
(27, 'Galvin Merritt', '1981-11-14', 375.0000),
(28, 'Dacey Mathis', '1973-10-04', 375.0000),
(29, 'Hall Holt', '1963-06-26', 450.0000),
```

```
(30, 'Willow Woods', '1981-09-12', 375.0000);
/*!40000 ALTER TABLE `tblactors` ENABLE KEYS */;

-- Dumping structure for table theatredb.tblroles
DROP TABLE IF EXISTS `tblroles`;
CREATE TABLE IF NOT EXISTS `tblroles` (
  `ActorID` smallint(5) DEFAULT NULL,
  `RoleName` text,
  `ShowID` varchar(255) DEFAULT NULL,
  KEY `ActorID` (`ActorID`),
  KEY `ShowID` (`ShowID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- Dumping data for table theatredb.tblroles: ~214 rows (approximately)
/*!40000 ALTER TABLE `tblroles` DISABLE KEYS */;
INSERT INTO `tblroles` (`ActorID`, `RoleName`, `ShowID`) VALUES
(1, 'Olivia', '12Night'),
(1, 'Third Outlaw', '2Gents'),
(1, 'Don Pedro', 'Ado'),
(1, 'Aemilia', 'Errors'),
(1, 'Duke of Bourbon', 'Henry5'),
(1, 'Banquo', 'Macbeth'),
(1, 'Lorenzo', 'Merchant'),
(1, 'Hippolyta', 'MND'),
(1, 'Sailor', 'Othello'),
(2, 'Hero', 'Ado'),
(2, 'Sir Thomas Grey', 'Henry5'),
(2, 'Second Witch', 'Macbeth'),
(2, 'Oberon', 'MND'),
(2, 'Second Musician', 'Romeo'),
(3, 'Dogberry', 'Ado'),
(3, 'Earl of Cambridge', 'Henry5'),
(3, 'Servant 1', 'Lear'),
(3, 'First Witch', 'Macbeth'),
(3, 'Prince of Morocco', 'Merchant'),
(3, 'Fairy', 'MND'),
(3, 'Third Gentleman', 'Othello'),
(3, 'Benvolio', 'Romeo'),
(4, 'Sexton', 'Ado'),
(4, 'Balthazar', 'Errors'),
(4, 'Doctor', 'Macbeth'),
(4, 'Old Gobbo', 'Merchant'),
(4, 'Herald', 'Othello'),
(4, 'Second Servant', 'Romeo'),
(5, 'Launce', '2Gents'),
(5, 'Benedick', 'Ado'),
(5, 'Luce', 'Errors'),
(5, 'Duncan', 'Macbeth'),
(5, 'Salerio', 'Merchant'),
(5, 'Hermia', 'MND'),
(5, 'Roderigo', 'Othello'),
(6, 'Feste', '12Night'),
(6, 'Ursula', 'Ado'),
(6, 'Courtezan', 'Errors'),
(6, 'Bates', 'Henry5'),
(6, 'Gentlewoman', 'Macbeth'),
(6, 'Clown', 'Othello'),
(7, 'Fabian', '12Night'),
(7, 'Claudio', 'Ado'),
(7, 'Aegeon', 'Errors'),
(7, 'Bishop of Ely', 'Henry5'),
(7, 'Caithness', 'Macbeth'),
(7, 'Leonardo', 'Merchant');
```

(8, 'Malvolio', '12Night'),
(8, 'First Watchman', 'Ado'),
(8, 'Antipholus of Ephesus', 'Errors'),
(8, 'Court', 'Henry5'),
(8, 'Donalbain', 'Macbeth'),
(8, 'Bottom', 'MND'),
(8, 'Juliet', 'Romeo'),
(9, 'Antonio', '12Night'),
(9, 'Leonato', 'Ado'),
(9, 'Fluellen', 'Henry5'),
(9, 'Curan', 'Lear'),
(9, 'Second Apparition', 'Macbeth'),
(9, 'Puck', 'MND'),
(9, 'Sampson', 'Romeo'),
(10, 'Panthino', '2Gents'),
(10, 'Katharine', 'Henry5'),
(10, 'Goneril', 'Lear'),
(10, 'Soldiers', 'Macbeth'),
(10, 'Jessica', 'Merchant'),
(10, 'Theseus', 'MND'),
(10, 'Mercutio', 'Romeo'),
(11, 'Lucetta', '2Gents'),
(11, 'King of France', 'Henry5'),
(11, 'Lear', 'Lear'),
(11, 'Young Siward', 'Macbeth'),
(11, 'Lysander', 'MND'),
(11, 'Cassio', 'Othello'),
(11, 'Abraham', 'Romeo'),
(12, 'Maria', '12Night'),
(12, 'First Merchant', 'Errors'),
(12, 'Constable of France', 'Henry5'),
(12, 'Earl of Kent', 'Lear'),
(12, 'Ross', 'Macbeth'),
(12, 'Cobweb', 'MND'),
(12, 'Second Capulet', 'Romeo'),
(13, 'Orsino', '12Night'),
(13, 'Second Outlaw', '2Gents'),
(13, 'Antipholus of Syracuse', 'Errors'),
(13, 'Duke of York', 'Henry5'),
(13, 'Cordelia', 'Lear'),
(13, 'Lady Macduff', 'Macbeth'),
(13, 'Titania', 'MND'),
(13, 'Bianca', 'Othello'),
(13, 'Lady Capulet', 'Romeo'),
(14, 'Viola', '12Night'),
(14, 'Eglamour', '2Gents'),
(14, 'Duke of Orleans', 'Henry5'),
(14, 'Regan', 'Lear'),
(14, 'Sergeant', 'Macbeth'),
(14, 'Launcelot Gobbo', 'Merchant'),
(14, 'Egeus', 'MND'),
(14, 'Friar John', 'Romeo'),
(15, 'Sebastian', '12Night'),
(15, 'Conrade', 'Ado'),
(15, 'Lewis the Dauphin', 'Henry5'),
(15, 'Servant 3', 'Lear'),
(15, 'Lady Macbeth', 'Macbeth'),
(15, 'Desdemona', 'Othello'),
(15, 'Paris', 'Romeo'),
(16, 'Verges', 'Ado'),
(16, 'Grandpre', 'Henry5'),
(16, 'Duke of Albany', 'Lear'),
(16, 'Lennox', 'Macbeth'),
(16, 'Balthasar', 'Merchant'),

(16, 'Snug', 'MND'),
(16, 'Iago', 'Othello'),
(17, 'Julia', '2Gents'),
(17, 'Boy', 'Ado'),
(17, 'Lord Scroop', 'Henry5'),
(17, 'Fool', 'Lear'),
(17, 'Malcolm', 'Macbeth'),
(17, 'Demetrius', 'MND'),
(17, 'Montano', 'Othello'),
(17, 'Nurse', 'Romeo'),
(18, 'Silvia', '2Gents'),
(18, 'Don John', 'Ado'),
(18, 'Second Merchant', 'Errors'),
(18, 'Governor of Harfleur', 'Henry5'),
(18, 'Oswald', 'Lear'),
(18, 'Third Witch', 'Macbeth'),
(18, 'Moth', 'MND'),
(18, 'Lodovico', 'Othello'),
(18, 'Prince Escalus', 'Romeo'),
(19, 'Margaret', 'Ado'),
(19, 'Gaoler', 'Errors'),
(19, 'Rambures', 'Henry5'),
(19, 'Third Murderer', 'Macbeth'),
(19, 'First Musician', 'Romeo'),
(20, 'Luciana', 'Errors'),
(20, 'Montjoy', 'Henry5'),
(20, 'Duke of Cornwall', 'Lear'),
(20, 'Hecate', 'Macbeth'),
(20, 'Prince of Arragon', 'Merchant'),
(20, 'Mustardseed', 'MND'),
(20, 'Tybalt', 'Romeo'),
(21, 'Sir Andrew Aguecheek', '12Night'),
(21, 'Outlaws', '2Gents'),
(21, 'Watchman', 'Ado'),
(21, 'Dromio of Ephesus', 'Errors'),
(21, 'Williams', 'Henry5'),
(21, 'Knight', 'Lear'),
(21, 'Angus', 'Macbeth'),
(21, 'Salarino', 'Merchant'),
(21, 'Flute', 'MND'),
(21, 'Gregory', 'Romeo'),
(22, 'First Officer', '12Night'),
(22, 'Host', '2Gents'),
(22, 'Archbishop of Canterbury', 'Henry5'),
(22, 'Earl of Gloucester', 'Lear'),
(22, 'First Apparition', 'Macbeth'),
(22, 'Bassanio', 'Merchant'),
(22, 'Philostrate', 'MND'),
(22, 'Third Musician', 'Romeo'),
(23, 'Curio', '12Night'),
(23, 'First Outlaw', '2Gents'),
(23, 'Friar Francis', 'Ado'),
(23, 'First Ambassador', 'Henry5'),
(23, 'Fleance', 'Macbeth'),
(23, 'Gratiano', 'Merchant'),
(23, 'Snout', 'MND'),
(24, 'Thurio', '2Gents'),
(24, 'French Soldier', 'Henry5'),
(24, 'Edgar', 'Lear'),
(24, 'Menteith', 'Macbeth'),
(24, 'Salanio', 'Merchant'),
(24, 'Starveling', 'MND'),
(24, 'Montague', 'Romeo'),
(25, 'Second Officer', '12Night'),

```

(25, 'Speed', '2Gents'),
(25, 'Beatrice', 'Ado'),
(25, 'Macmorris', 'Henry5'),
(25, 'Old Man', 'Macbeth'),
(25, 'Shylock', 'Merchant'),
(25, 'Apothecary', 'Romeo'),
(26, 'Duke of Milan', '2Gents'),
(26, 'Sir Thomas Erpingham', 'Henry5'),
(26, 'Edmund', 'Lear'),
(26, 'Seyton', 'Macbeth'),
(26, 'Nerissa', 'Merchant'),
(26, 'Friar Laurence', 'Romeo'),
(27, 'Proteus', '2Gents'),
(27, 'Dromio of Syracuse', 'Errors'),
(27, 'Queen Isabel', 'Henry5'),
(27, 'Servant 2', 'Lear'),
(27, 'Third Apparition', 'Macbeth'),
(27, 'Clerk', 'Merchant'),
(27, 'Quince', 'MND'),
(27, 'Othello', 'Othello'),
(28, 'Sir Toby Belch', '12Night'),
(28, 'Borachio', 'Ado'),
(28, 'Adriana', 'Errors'),
(28, 'Alice', 'Henry5'),
(28, 'Macbeth', 'Macbeth'),
(28, 'Tubal', 'Merchant'),
(28, 'Brabantio', 'Othello'),
(28, 'Lady Montague', 'Romeo'),
(29, 'Valentine', '12Night'),
(29, 'Pinch', 'Errors'),
(29, 'Macduff', 'Macbeth'),
(29, 'Peaseblossom', 'MND'),
(29, 'Fourth Gentleman', 'Othello'),
(29, 'Romeo', 'Romeo'),
(30, 'Solinus', 'Errors'),
(30, 'Jamy', 'Henry5'),
(30, 'Siward', 'Macbeth'),
(30, 'Duke of Venice', 'Othello'),
(30, 'Capulet', 'Romeo');
/*!40000 ALTER TABLE `tblroles` ENABLE KEYS */;

-- Dumping structure for table theatredb.tblshows
DROP TABLE IF EXISTS `tblshows`;
CREATE TABLE IF NOT EXISTS `tblshows` (
  `ShowID` varchar(255) NOT NULL,
  `ShowName` varchar(255) DEFAULT NULL,
  `ShowDate` date DEFAULT NULL,
  `ShowTime` time DEFAULT NULL,
  `ShowDuration` double DEFAULT NULL,
  `ShowCapacity` double DEFAULT NULL,
  `ShowCost` double DEFAULT NULL,
  PRIMARY KEY (`ShowID`),
  UNIQUE KEY `ShowID` (`ShowID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8;

-- Dumping data for table theatredb.tblshows: ~11 rows (approximately)
/*!40000 ALTER TABLE `tblshows` DISABLE KEYS */;
INSERT INTO `tblshows` (`ShowID`, `ShowName`, `ShowDate`, `ShowTime`,
`ShowDuration`, `ShowCapacity`, `ShowCost`) VALUES
  ('12Night', 'Twelfth Night', '2013-11-08', '15:00:00', 160, 325, 200),
  ('2Gents', 'Two Gentlemen of Verona', '2013-11-20', '15:00:00', 215, 350,
200),
  ('Ado', 'Much Ado about Nothing', '2013-11-03', '15:00:00', 109, 415,
200),

```

```

('Errors', 'Comedy of Errors', '2013-11-24', '20:00:00', 155, 300, 350),
('Henry5', 'Henry V', '2013-11-12', '17:30:00', 270, 300, 250),
('Lear', 'King Lear', '2013-11-04', '17:30:00', 179, 350, 250),
('Macbeth', 'Macbeth', '2013-11-09', '17:30:00', 174, 280, 250),
('Merchant', 'Merchant of Venice', '2013-11-20', '17:30:00', 279, 400,
250),
('MND', 'Midsummer Night\'s Dream', '2013-11-24', '15:00:00', 204, 375,
200),
('Othello', 'Othello', '2013-11-20', '20:00:00', 190, 300, 350),
('Romeo', 'Romeo and Juliet', '2013-11-22', '17:30:00', 160, 360, 250);
/*!40000 ALTER TABLE `tblshows` ENABLE KEYS */;
/*!40014 SET FOREIGN_KEY_CHECKS=1 */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;

```

SECTION B

Bookings.txt

```

A1,074-061-3602,Yes
A2,074-625-3484,Yes
A3,083-219-2489,Yes
A5,073-345-5087,Yes
A6,082-147-4323,Yes
A7,084-410-8555,No
A8,073-984-5555,Yes
A9,082-122-4323,Yes
A10,084-466-8701,No
A11,073-977-5087,Yes
A12,082-147-4553,Yes
A13,073-984-5087,Yes
A14,072-147-4323,Yes
A15,083-410-8701,No
B1,082-604-3857,Yes,Kolby Girls High School,12
B2,082-604-3857,Yes,Kolby Girls High School,12
B3,082-604-3857,Yes,Kolby Girls High School,12
B4,082-604-3857,Yes,Kolby Girls High School,12
B5,082-604-3857,Yes,Kolby Girls High School,12
B6,082-604-3857,Yes,Kolby Girls High School,12
B7,082-604-3857,Yes,Kolby Girls High School,12
B8,082-604-3857,Yes,Kolby Girls High School,12
B9,082-604-3857,Yes,Kolby Girls High School,12
B10,082-604-3857,Yes,Kolby Girls High School,12
B11,082-604-3857,Yes,Kolby Girls High School,12
B12,082-604-3857,Yes,Kolby Girls High School,12
C2,073-091-0882,No
C3,073-447-9314,No
C4,082-731-9097,Yes
C5,073-756-2344,No
C6,082-731-8345,Yes
C7,083-038-9314,Yes
C8,072-731-8017,Yes
C10,083-234-9314,No
C11,082-731-8017,Yes
C14,072-683-3316,No
D2,072-677-6522,No,Knysna Retirement Home,14
D3,072-677-6522,No,Knysna Retirement Home,14
D4,072-677-6522,No,Knysna Retirement Home,14
D5,072-677-6522,No,Knysna Retirement Home,14
D6,072-677-6522,No,Knysna Retirement Home,14
D7,072-677-6522,No,Knysna Retirement Home,14
D8,072-677-6522,No,Knysna Retirement Home,14
D9,072-677-6522,No,Knysna Retirement Home,14
D10,072-677-6522,No,Knysna Retirement Home,14
D11,072-677-6522,No,Knysna Retirement Home,14

```

D12,072-677-6522,No,Knysna Retirement Home,14
D13,072-677-6522,No,Knysna Retirement Home,14
D14,072-677-6522,No,Knysna Retirement Home,14
D15,072-677-6522,No,Knysna Retirement Home,14
E1,073-954-7602,Yes
E3,073-954-7602,Yes
E5,073-954-7602,Yes
E6,082-068-8448,Yes
E7,074-034-0095,No
E8,083-420-0970,No
E9,082-468-8448,Yes
E10,074-434-0095,No
E11,084-423-0974,No
E12,082-468-8548,Yes
E13,082-434-7795,No
E14,072-357-1111,No
F1,072-853-1895,No
F2,083-703-7011,Yes,Witbank Hockey Club,9
F3,083-703-7011,Yes,Witbank Hockey Club,9
F4,083-703-7011,Yes,Witbank Hockey Club,9
F5,083-703-7011,Yes,Witbank Hockey Club,9
F6,083-703-7011,Yes,Witbank Hockey Club,9
F7,083-703-7011,Yes,Witbank Hockey Club,9
F8,083-703-7011,Yes,Witbank Hockey Club,9
F9,083-703-7011,Yes,Witbank Hockey Club,9
F10,083-703-7011,Yes,Witbank Hockey Club,9
F11,072-373-6521,No
F12,084-470-0981,Yes
F14,084-484-8784,No
F15,082-777-4486,Yes
G3,082-681-6717,Yes,Mellville Boy Scouts,13
G4,082-681-6717,Yes,Mellville Boy Scouts,13
G5,082-681-6717,Yes,Mellville Boy Scouts,13
G6,082-681-6717,Yes,Mellville Boy Scouts,13
G7,082-681-6717,Yes,Mellville Boy Scouts,13
G8,082-681-6717,Yes,Mellville Boy Scouts,13
G9,082-681-6717,Yes,Mellville Boy Scouts,13
G10,082-681-6717,Yes,Mellville Boy Scouts,13
G11,082-681-6717,Yes,Mellville Boy Scouts,13
G12,082-681-6717,Yes,Mellville Boy Scouts,13
G13,082-681-6717,Yes,Mellville Boy Scouts,13
G14,082-681-6717,Yes,Mellville Boy Scouts,13
G15,082-681-6717,Yes,Mellville Boy Scouts,13
H1,073-258-5866,No
H2,072-789-2581,No
H3,073-456-0880,No
H5,083-454-5125,No
H6,072-123-2581,No
H7,073-321-0880,No
H8,083-741-5125,No
H9,072-852-2581,No
H10,073-739-0880,No
H11,083-963-5125,No
H12,083-369-5125,No
H13,083-951-5125,No
H14,083-753-5125,No
I1,082-380-9633,No
I3,083-943-3848,Yes
I4,084-934-6451,No
I5,083-818-9756,No
I6,083-582-0560,Yes
I7,073-898-8452,No
I9,073-064-8812,Yes
I10,073-852-7412,Yes

I11,083-149-8555, Yes
I12,073-744-9999, Yes
I13,083-744-8812, Yes
J1,073-222-9126, No, Cape Town Drama Society, 14
J2,073-222-9126, No, Cape Town Drama Society, 14
J3,073-222-9126, No, Cape Town Drama Society, 14
J4,073-222-9126, No, Cape Town Drama Society, 14
J5,073-222-9126, No, Cape Town Drama Society, 14
J6,073-222-9126, No, Cape Town Drama Society, 14
J7,073-222-9126, No, Cape Town Drama Society, 14
J8,073-222-9126, No, Cape Town Drama Society, 14
J9,073-222-9126, No, Cape Town Drama Society, 14
J10,073-222-9126, No, Cape Town Drama Society, 14
J11,073-222-9126, No, Cape Town Drama Society, 14
J12,073-222-9126, No, Cape Town Drama Society, 14
J13,073-222-9126, No, Cape Town Drama Society, 14
J14,073-222-9126, No, Cape Town Drama Society, 14
K1,072-173-1605, Yes, Durban Gentleman's Club, 15
K2,072-173-1605, Yes, Durban Gentleman's Club, 15
K3,072-173-1605, Yes, Durban Gentleman's Club, 15
K4,072-173-1605, Yes, Durban Gentleman's Club, 15
K5,072-173-1605, Yes, Durban Gentleman's Club, 15
K6,072-173-1605, Yes, Durban Gentleman's Club, 15
K7,072-173-1605, Yes, Durban Gentleman's Club, 15
K8,072-173-1605, Yes, Durban Gentleman's Club, 15
K9,072-173-1605, Yes, Durban Gentleman's Club, 15
K10,072-173-1605, Yes, Durban Gentleman's Club, 15
K11,072-173-1605, Yes, Durban Gentleman's Club, 15
K12,072-173-1606, Yes, Durban Gentleman's Club, 15
K13,072-173-1607, Yes, Durban Gentleman's Club, 15
K14,072-173-1608, Yes, Durban Gentleman's Club, 15
K15,072-173-1609, Yes, Durban Gentleman's Club, 15
L4,083-829-9959, Yes
L6,074-101-2404, Yes
L7,084-794-5464, No
L8,084-727-6886, No
L9,082-954-7896, No