Q1.

a.

```
mysql> select* from Book where Title like'A%';
+--------+--------+----------+----------+----------+--------+
| BookID | Title  | Author   | Category | Price_Rs | PubID  |
+--------+--------+----------+----------+----------+--------+
| B3     | Access | P.Paul   |        2 |  3000.00 | Pub003 |
| B4     | Arts   | W.Shiva  |        1 |  1000.00 | Pub004 |
+--------+--------+----------+----------+----------+--------+
2 rows in set (0.00 sec)
```

b.

```
mysql> select* from Book where Category=2 OR Category=4;
+--------+-----------+----------+----------+----------+--------+
| BookID | Title     | Author   | Category | Price_Rs | PubID  |
+--------+-----------+----------+----------+----------+--------+
| B1     | Excel     | R.David  |        2 |  1800.00 | Pub002 |
| B2     | Computers | M.Thomas |        4 |  2500.00 | Pub002 |
| B3     | Access    | P.Paul   |        2 |  3000.00 | Pub003 |
+--------+-----------+----------+----------+----------+--------+
3 rows in set (0.04 sec)
```

c.

```
mysql> select* from Book where Price_Rs BETWEEN 1000.00 AND 2500.00;
+--------+-----------+----------+----------+----------+--------+
| BookID | Title     | Author   | Category | Price_Rs | PubID  |
+--------+-----------+----------+----------+----------+--------+
| B1     | Excel     | R.David  |        2 |  1800.00 | Pub002 |
| B2     | Computers | M.Thomas |        4 |  2500.00 | Pub002 |
| B4     | Arts      | W.Shiva  |        1 |  1000.00 | Pub004 |
+--------+-----------+----------+----------+----------+--------+
3 rows in set (0.01 sec)
```

d.

```
mysql> select Title from Book where Title like'A___';
+-------+
| Title |
+-------+
| Arts  |
+-------+
1 row in set (0.00 sec)
```

e.

```
mysql> select* from Publisher where PublisherName not like'%s';
+--------+---------------+----------------+-----------+
| PubID  | PublisherName | RegisteredDate | Country   |
+--------+---------------+----------------+-----------+
| Pub003 | K.Brill       | 2014-01-31     | Poland    |
| Pub004 | A.Kent        | 2015-02-13     | Sri Lanka |
+--------+---------------+----------------+-----------+
2 rows in set (0.00 sec)

mysql>
```

f.

```
mysql> select Title,PubID from Book where PubID IN('Pub001','Pub003','Pub004');
+---------+--------+
| Title   | PubID  |
+---------+--------+
| Access  | Pub003 |
| Arts    | Pub004 |
| Science | Pub001 |
+---------+--------+
3 rows in set (0.00 sec)

mysql>
```

g.

```
mysql> select* from Publisher where Country not like'%ia';
+--------+---------------+----------------+-----------+
| PubID  | PublisherName | RegisteredDate | Country   |
+--------+---------------+----------------+-----------+
| Pub001 | A.Press       | 2001-05-12     | Sri Lanka |
| Pub003 | K.Brill       | 2014-01-31     | Poland    |
| Pub004 | A.Kent        | 2015-02-13     | Sri Lanka |
+--------+---------------+----------------+-----------+
3 rows in set (0.00 sec)
```

f.

```
mysql> select Title from Book where Category=2 AND Price_Rs>2400.00;
+--------+
| Title  |
+--------+
| Access |
+--------+
1 row in set (0.01 sec)
```

j.

```
mysql> select PublisherName from Publisher where Country='Sri Lanka' OR  Registe
redDate>'2014-01-01';
+---------------+
| PublisherName |
+---------------+
| A.Press       |
| K.Brill       |
| A.Kent        |
+---------------+
3 rows in set (0.07 sec)
```

k.

```
mysql> select distinct Country from Publisher;
+-----------+
| Country   |
+-----------+
| Sri Lanka |
| India     |
| Poland    |
+-----------+
3 rows in set (0.00 sec)
```

l.

```
mysql> select* from Book limit 2;
+--------+----------+----------+----------+----------+--------+
| BookID | Title    | Author   | Category | Price_Rs | PubID  |
+--------+----------+----------+----------+----------+--------+
| B1     | Excel    | R.David  |        2 |  1800.00 | Pub002 |
| B2     | Computers | M.Thomas |        4 |  2500.00 | Pub002 |
+--------+----------+----------+----------+----------+--------+
2 rows in set (0.00 sec)
```

Q2.

```
sinthuja@sinthuja-pc: ~

mysql> ALTER TABLE Publisher add column ContactNo INT;
Query OK, 0 rows affected (0.32 sec)
Records: 0  Duplicates: 0  Warnings: 0

mysql> select* from Pulisher;
ERROR 1146 (42S02): Table 'BookShopDB.Pulisher' doesn't exist
mysql> select* from Publisher;
+--------+---------------+----------------+-----------+-----------+
| PubID  | PublisherName | RegisteredDate | Country   | ContactNo |
+--------+---------------+----------------+-----------+-----------+
| Pub001 | A.Press       | 2001-05-12     | Sri Lanka |      NULL |
| Pub002 | G.Bricks      | 2010-03-20     | India     |      NULL |
| Pub003 | K.Brill       | 2014-01-31     | Poland    |      NULL |
| Pub004 | A.Kent        | 2015-02-13     | Sri Lanka |      NULL |
+--------+---------------+----------------+-----------+-----------+
4 rows in set (0.00 sec)

mysql> show create table Publisher;
+-----------+-------------------------------------------------------
-------------------------------------------------------
-------------------------------------------------------
----------------------------------------+
| Table     | Create Table
```

```
sinthuja@sinthuja-pc: ~

mysql> show create table Publisher;
+-----------+------------------------------------------------------------------
------------------------------------------------------------------------------
------------------------------------------------------------------------------
-------------------------------------------------+
| Table     | Create Table


                                               |
+-----------+------------------------------------------------------------------
------------------------------------------------------------------------------
------------------------------------------------------------------------------
-------------------------------------------------+
| Publisher | CREATE TABLE `Publisher` (
  `PubID` char(6) NOT NULL,
  `PublisherName` varchar(30) DEFAULT NULL,
  `RegisteredDate` date DEFAULT NULL,
  `Country` varchar(15) DEFAULT NULL,
  `ContactNo` int(11) DEFAULT NULL,
  PRIMARY KEY (`PubID`)
) ENGINE=InnoDB DEFAULT CHARSET=latin1 |
+-----------+------------------------------------------------------------------
------------------------------------------------------------------------------
------------------------------------------------------------------------------
```