CO226-Database Systems

Exercise : 01
Topic : Introduction to MySQL
Reg No: E/18/128

01)

```
mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| school             |
| sys                |
+--------------------+
5 rows in set (0.00 sec)
```

02)

```
mysql> CREATE DATABASE BookShop;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| bookshop           |
| mysql              |
| performance_schema |
| school             |
| sys                |
+--------------------+
6 rows in set (0.00 sec)
```

03)

```
mysql> USE BookShop;
Database changed
```

04)

```
mysql> CREATE TABLE Book(
    -> BookID CHAR(5),
    -> Title VARCHAR(50),
    -> Author VARCHAR(30),
    -> Category INT,
    -> Price DECIMAL(8,2),
    -> PubID CHAR(6));
Query OK, 0 rows affected (0.03 sec)
```

05)

```
mysql> DESC Book;
+----------+--------------+------+-----+---------+-------+
| Field    | Type         | Null | Key | Default | Extra |
+----------+--------------+------+-----+---------+-------+
| BookID   | char(5)      | YES  |     | NULL    |       |
| Title    | varchar(50)  | YES  |     | NULL    |       |
| Author   | varchar(30)  | YES  |     | NULL    |       |
| Category | int(11)      | YES  |     | NULL    |       |
| Price    | decimal(8,2) | YES  |     | NULL    |       |
| PubID    | char(6)      | YES  |     | NULL    |       |
+----------+--------------+------+-----+---------+-------+
6 rows in set (0.00 sec)
```

06)

```
mysql> CREATE TABLE Publisher(
    -> PubID CHAR(6),
    -> PublisherName VARCHAR(30),
    -> RegisteredDate DATE,
    -> Country VARCHAR(15));
Query OK, 0 rows affected (0.01 sec)
```

07)

```
mysql> DESCRIBE Publisher;
+----------------+-------------+------+-----+---------+-------+
| Field          | Type        | Null | Key | Default | Extra |
+----------------+-------------+------+-----+---------+-------+
| PubID          | char(6)     | YES  |     | NULL    |       |
| PublisherName  | varchar(30) | YES  |     | NULL    |       |
| RegisteredDate | date        | YES  |     | NULL    |       |
| Country        | varchar(15) | YES  |     | NULL    |       |
+----------------+-------------+------+-----+---------+-------+
4 rows in set (0.02 sec)
```

08)

```
mysql> SHOW TABLES;
+--------------------+
| Tables_in_bookshop |
+--------------------+
| book               |
| publisher          |
+--------------------+
2 rows in set (0.00 sec)
```

09)

```
mysql> DROP TABLE Book;
Query OK, 0 rows affected (0.01 sec)
```

10)

```
mysql> DROP DATABASE BookShop;
Query OK, 1 row affected (0.06 sec)
```