

# OPEN SOURCE

## QUESTION 2:

2.1:

### CREATING A DATABASE:

```
mysql> create database clubs;  
Query OK, 1 row affected (0.01 sec)  
  
mysql> use clubs;  
Database changed
```

### CREATING A TABLE:

```
mysql> create table cognizance(Name char(20),Known_language char(20));  
Query OK, 0 rows affected (0.02 sec)
```

2.2:

### INSERTING THE VALUES:

```
mysql> insert into cognizance values("Mithra","python");  
Query OK, 1 row affected (0.01 sec)  
  
mysql> insert into cognizance values("Hasini","C");  
Query OK, 1 row affected (0.03 sec)  
  
mysql> insert into cognizance values("Harini","C++");  
Query OK, 1 row affected (0.00 sec)  
  
mysql> insert into cognizance values("Pooja","Java");  
Query OK, 1 row affected (0.01 sec)
```

```
mysql> insert into cognizance values("Harishma","HTML");  
Query OK, 1 row affected (0.01 sec)
```

## DISPLAYING THE TABLE:

```
mysql> select * from cognizance;
+-----+-----+
| Name      | Known_language |
+-----+-----+
| Mithra     | python         |
| Hasini     | C              |
| Harini     | C++            |
| Pooja      | Java           |
| Harishma   | HTML           |
+-----+-----+
5 rows in set (0.00 sec)
```

## 2.3: SELECTING VALUES WITH CONDITION:

```
mysql> select * from cognizance where Known_language="python";
+-----+-----+
| Name      | Known_language |
+-----+-----+
| Mithra     | python         |
| Nandhani   | python         |
+-----+-----+
2 rows in set (0.00 sec)
```

## 2.4: UPDATING THE DATA:

```
mysql> update cognizance set Known_language="SQL" where Name="Mithra";
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> select * from cognizance;
+-----+-----+
| Name      | Known_language |
+-----+-----+
| Mithra     | SQL            |
| Hasini     | C              |
| Harini     | C++            |
| Pooja      | Java           |
| Harishma   | HTML           |
| Nandhani   | python         |
+-----+-----+
6 rows in set (0.00 sec)
```

H MITHRA

CH.SC.U4CSE24213