

1)CRUD OPERATION ON MYSQL

```
mysql> create database student;
```

Query OK, 1 row affected (0.01 sec)

```
mysql> use student;
```

Database changed

```
mysql> create table mark(Regno int primary key,Name varchar(20) NOT NULL,Major int NOT NULL,Allied int NOT NULL,Language int NOT NULL);
```

Query OK, 0 rows affected (0.01 sec)

```
mysql> desc mark ;
```

Field	Type	Null	Key	Default	Extra
Regno	int(11)	NO	PRI	NULL	
Name	varchar(20)	NO		NULL	
Major	int(11)	NO		NULL	
Allied	int(11)	NO		NULL	
Language	int(11)	NO		NULL	

5 rows in set (0.00 sec)

```
mysql> alter table mark add Percentage float NOT NULL;
```

Query OK, 0 rows affected (0.01 sec)

Records: 0 Duplicates: 0 Warnings: 0

```
mysql> insert into mark values(101,'Raja',84,69,45,72);
```

Query OK, 1 row affected (0.01 sec)

```
mysql> insert into mark values(102,'vimal',54,65,48,68);
```

Query OK, 1 row affected (0.00 sec)

```
mysql> insert into mark values(103,'Viswa',56,41,74,64);
```

Query OK, 1 row affected (0.00 sec)

```
mysql> insert into mark values(104,'Sanjay',48,81,44,74);
```

Query OK, 1 row affected (0.00 sec)

```
mysql> select * from mark;
```

```
+-----+-----+-----+-----+-----+-----+
| Regno | Name  | Major | Allied | Language | Percentage |
+-----+-----+-----+-----+-----+-----+
| 101 | Raja  | 84    | 69     | 45       | 72         |
| 102 | vimal | 54    | 65     | 48       | 68         |
| 103 | Viswa | 56    | 41     | 74       | 64         |
| 104 | Sanjay | 48    | 81     | 44       | 74         |
+-----+-----+-----+-----+-----+-----+
```

4 rows in set (0.00 sec)

```
mysql> select * from mark;
```

```
+-----+-----+-----+-----+-----+-----+
| Regno | Name  | Major | Allied | Language | Percentage |
+-----+-----+-----+-----+-----+-----+
| 101 | Raja  | 84    | 69     | 45       | 72         |
| 102 | vimal | 54    | 65     | 48       | 68         |
| 103 | Viswa | 56    | 41     | 74       | 64         |
| 104 | Sanjay | 48    | 81     | 44       | 74         |
+-----+-----+-----+-----+-----+-----+
```

4 rows

```
mysql> delete from mark where Major<=50
```

Query OK, 1 row affected (0.01 sec)

```
mysql> select * from mark;
```

Regno	Name	Major	Allied	Language	Percentage
101	Raja	84	69	45	72
102	vimal	54	65	48	68
103	Viswa	56	41	74	64

3 rows in set (0.00 sec)

```
mysql> truncate table mark;
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> select * from mark;
```

Empty set (0.00 sec)

```
mysql> drop table mark;
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> select * from mark;
```

ERROR 1146 (42S02): Table 'v1084.mark' doesn't exist

```
mysql> update mark set total=tamil+english+physics+dbms;
```

Query OK, 4 rows affected (0.00 sec)

Rows matched: 4 Changed: 4 Warnings: 0