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### **DBMS**

#### Slot B

#### Exercise 1:

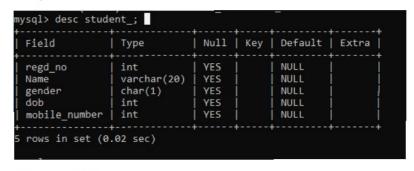
DDL commands-create, alter, drop

#### Create table:

Commands: create table student\_

( regd\_no int,name varchar(20),gender char(1),dob int, mobile number int);

#### **Output:**



#### Alter table:

Command:alter table student\_(table name)

Add age int; (constraint datatype)

#### Output:

```
-> add age int;
Duery OK, 0 rows affected (0.05 sec)
Records: 0 Duplicates: 0 Warnings: 0
 ysql> desc student_;
 Field
                                        Null | Key | Default | Extra
 regd_no
 Name
                      varchar(20)
                                                         NULL
 gender
dob
                      char(1)
                                                         NULL
                      int
                                                         NULL
                      int
 mobile_number
                                                         NULL
                                                         NULL
 rows in set (0.01 sec)
```

#### Truncate:

```
mysql> truncate hostel_;
Query OK, 0 rows affected (0.04 sec)
```

#### Drop:

# Exercise 2:

# **DDL** commands with constraints:

### Command:

```
nysql> alter table student_ add primary key(age);
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

### Output:

### Exercise 3;

# **DML Commands – INSERT, SELECT, UPDATE, DELETE**

### **INSERT:**

#### Commands:

```
mysql> insert into student_ values('1020192','nithish','M','2002','930289276','18');
Query OK, 1 row affected (0.02 sec)

mysql> insert into student_ values('192011342','jashwanth','M','2001','830189301','19');
Query OK, 1 row affected (0.01 sec)

mysql> insert into student_ values('192011332','ramya','F','2000','830189301','20');
Query OK, 1 row affected (0.01 sec)

mysql> insert into student_ values('192011011','anil','M','2003','830189301','17');
Query OK, 1 row affected (0.01 sec)
```

### **Output:**

regd_no	Name	gender	dob	mobile_number	age
192011011	anil	+   м	2003	830189301	17
1020192	nithish	М	2002	930289276	18
192011342	jashwanth	М	2001	830189301	19
192011332	ramya	F	2000	830189301	20

## Select;

### Command:

```
mysql> select*from student_;
```

Select\*(table\_name);

### Output:

regd_no	Name	gender	dob	mobile_number	age
192011011	+   anil   nithish   jashwanth   ramya	M	830189301	17	
1020192			2001	930289276 830189301 830189301	18   19   20
192011342					
192011342					

# Delete:

### Delete:

### Command:

```
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```

```
mysql> delete from student_
-> where dob=2003;
Query OK, 1 row affected (0.01 sec)
```

### **Output:**

## Update;

#### Command:

```
mysql> update student_
-> set name=192011469 where dob='2002';
Query OK, 1 row affected (0.01 sec)
Rows matched: 1 Changed: 1 Warnings: 0
```

## **Output:**

### Exercise 4;

### Command:

Select\*from student where gender='F';

```
mysql> select*from student_ where gender='F';
```

# Exercise 4;

Command:

Select\*from student where gender='F';

```
mysql> select*from student_ where gender='F';
```

# Output:

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### Command:

```
mysql> select*from student_ where name like'%sh';
```

# **Output:**

#### Command:

```
mysql> select*from student_ where name like'ra%';
```

### Output:

### Command:

```
mysql> select*from student_ where name like'%sh';
```

## **Output:**

#### Command:

```
mysql> select*from student_ where name like'ra%';
```

### Output:

# Exercise 5;

## Between;

#### Command:

```
mysql> select*from student_ where age between 13 and 19;
```

### Output:

In.