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Creating Tables : Create following tables using My SQL command line Client and DDL's.

      i.Create Department table

a.   Department_ID – Primary Key - Number

b.   Department_Name - Varchar

c.   Department_Head – Varchar

d.   Department_Description - Varchar

```
mysql> desc department;
+----------------------+-------------+------+-----+---------+-------+
| Field                | Type        | Null | Key | Default | Extra |
+----------------------+-------------+------+-----+---------+-------+
| department_id        | int(11)     | NO   | PRI | NULL    |       |
| department_name      | varchar(50) | YES  |     | NULL    |       |
| department_head      | varchar(50) | YES  |     | NULL    |       |
| deparment_description | varchar(50) | YES  |     | NULL    |       |
+----------------------+-------------+------+-----+---------+-------+
4 rows in set (0.02 sec)
```

Create Employee table

a.   Employee_Id- Primarykey- Number

b.   Employee_Name- Varchar

c.   Employee_Address- Varchar

d.   Employee_Salary- Decimal Number

e.   Employee_Contact_No- Number

f. Department_Id- Number (Foreign Key)

```
mysql> create table employee1
    -> (
    -> employee_id int primary key auto_increment,
    -> employee_name varchar(50),
    -> employee_address varchar(50),
    -> employee_salary decimal,
    -> employee_contact_no int,
    -> department_id int,foreign key(department_id) references department(department_id));
Query OK, 0 rows affected (0.02 sec)

mysql> desc employee1;
+---------------------+---------------+------+-----+---------+----------------+
| Field               | Type          | Null | Key | Default | Extra          |
+---------------------+---------------+------+-----+---------+----------------+
| employee_id         | int(11)       | NO   | PRI | NULL    | auto_increment |
| employee_name       | varchar(50)   | YES  |     | NULL    |                |
| employee_address    | varchar(50)   | YES  |     | NULL    |                |
| employee_salary     | decimal(10,0) | YES  |     | NULL    |                |
| employee_contact_no | int(11)       | YES  |     | NULL    |                |
| department_id       | int(11)       | YES  | MUL | NULL    |                |
+---------------------+---------------+------+-----+---------+----------------+
6 rows in set (0.01 sec)
```