Experiment No 1

A.

1.

2. use 24mca49;

3.

a) create table Student(Roll\_no int, Name varchar(20), DoB date, Address text, Phone\_no varchar(10), blood\_grp varchar(3));

b)create table Course(course\_id int, course\_name varchar(20), course\_duration int);

4. show tables;

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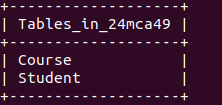
| Tables\_in\_24mca49 |

+-------------------+

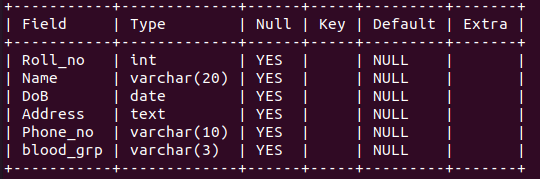
| Course |

| Student |

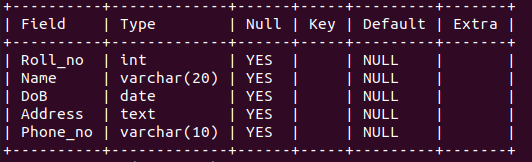
+-------------------+



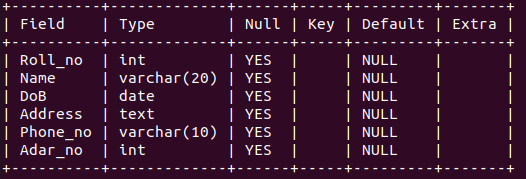
5. desc Student;



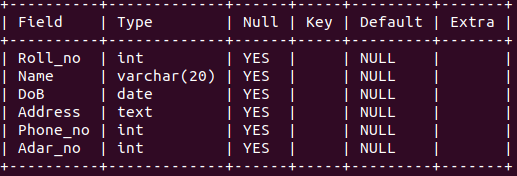
6. Alter table Student drop blood\_grp;



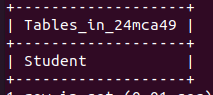
7. alter table Student add Adar\_no int(20);



8. alter table Student modify Phone\_no int;



9. drop table Course;



10.

B.

1.

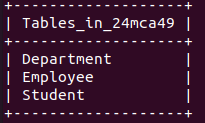
2.

3.

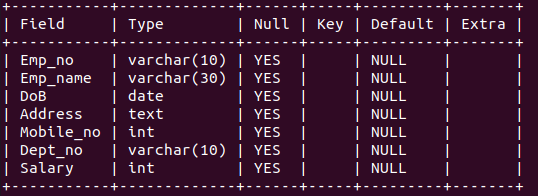
a)create table Employee(Emp\_no varchar(10), Emp\_name varchar(30), DoB date, Address text, Mobile\_no int, Dept\_no varchar(10), Salary int);

b) create table Department(Dept\_no varchar(10), Dept\_name varchar(30), Location varchar(30));

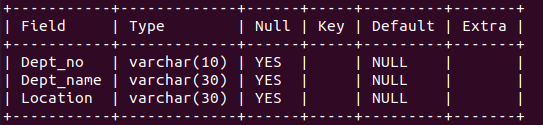
4. show tables;



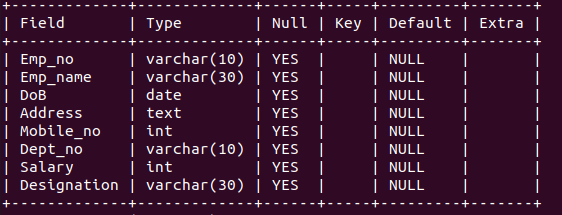
5. desc Employee;



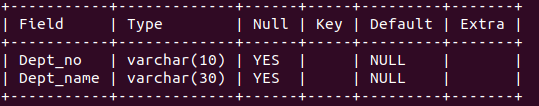
desc Department;



6. Alter table Employee add Designation varchar(30);



7. Alter table Department drop Location;



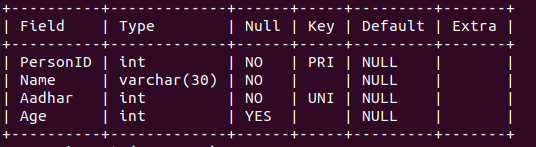
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Experiment No. 2

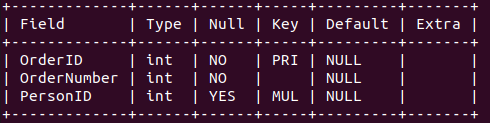
1. create table Persons(PersonID int PRIMARY KEY, Name varchar(30) NOT NULL, Aadhar int NOT NULL UNIQUE, Age int CHECK(Age>18));

2. create table Orders (OrderID int PRIMARY KEY, OrderNumber int NOT NULL, PersonID int, FOREIGN KEY(PersonID) REFERENCES Persons(PersonId));

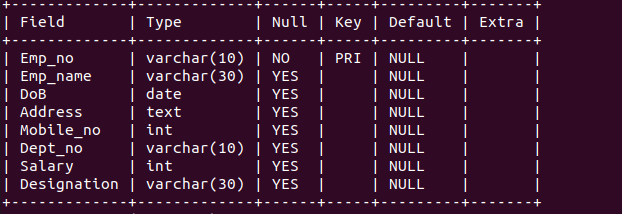
3. desc Persons;



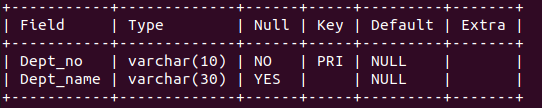
4. desc Orders;



5. Alter table Employee modify Emp\_no varchar(10) PRIMARY KEY;



6. Alter table Department modify Dept\_no varchar(10) PRIMARY KEY;



7. Alter table Employee Add CONSTRAINT FK\_Dept FOREIGN KEY(Dept\_no) REFERENCES Department(Dept\_no) ON DELETE CASCADE;

8. Alter table Orders drop PRIMARY KEY;

