

ASSIGNMENT:

QUESTIONS:

1) Create 5 Table in IBM db2 and insert data using by using insert Query?

STEPS:

step-1) DATABASE CREATED:

```
create database university;
```

step-2) 5 TABLE CREATED:

```
a) create table college(ID int primary key, Name  
varchar(50), Department varchar(25), Place  
varchar(30));
```

```
b) create table student(Regno varchar(12) primary  
key, Name varchar(20), Gender varchar(10), Email  
varchar(30), Phoneno varchar(15));
```

```
c) create table shiji(Semester int, Subject_Code  
varchar(15) primary key, Grade varchar(10), Result  
varchar(10));
```

d)create table books(Code varchar(10) primary key,Book_Name varchar(40),Book_Price varchar(10),Book_Page int);

e)create table hostel(Room_No int primary key,Room_Name varchar(15),Room_Floor varchar(15),Room_Members int);

step-3)USING INSERT QUERY:
college Table:

insert into college
(ID,Name,Department,Place)values(9627,'Universal College','CSE','Vallioor');

insert into college
(ID,Name,Department,Place)values(9626,'PET College','EEE','Vallioor');

insert into college
(ID,Name,Department,Place)values(9625,'VV College','ECE','Thisaiyanvilai');

insert into college
(ID,Name,Department,Place)values(9624,'Rect

College','Mechanical','South vijayanarayanam');

insert into college

(ID,Name,Department,Place)values(9623,'Xavier College','Civil','Tirunelveli');

b)student Table:

insert into student

(Regno,Name,Gender,Email,Phoneno)Values('9627191 04030','Rama Nanthini.S','Female','ramananthini@gmail.com','63744 54432');

insert into student

(Regno,Name,Gender,Email,Phoneno)Values('9627191 04032','Rathika.G','Female','rathika@gmail.com','9363 594142');

insert into student

(Regno,Name,Gender,Email,Phoneno)Values('9627191 04033','Shiji.V.A','Female','shiji@gmail.com','94426672 92');

insert into student

```
(Regno,Name,Gender,Email,Phoneno)Values('9627191  
04303','Joseph  
Goldwin.G','Male','josephgoldwin@gmail.com','7708205  
750');
```

c)shiji Table:

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8601','A+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8602','B+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8603','B+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8611','A+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8651','B+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8661','A+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8662','A+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'C  
S8691','A+','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'H  
S8581','A','PASS');
```

```
insert into  
shiji(Semester,Subject_Code,Grade,Result)values(6,'I  
T8072','A','PASS');
```

d)books Table:

```
insert into  
books(Code,Book_Name,Book_Price,Book_Page)Value  
s('MG8591','Principle Of Management','RS.500',140);
```

```
insert into
books(Code,Book_Name,Book_Price,Book_Page)Value
s('CS8792','Cryptography And Network
Security','RS.400',340);
```

```
insert into
books(Code,Book_Name,Book_Price,Book_Page)Value
s('CS8791','Cloud Computing','RS.350',300);
```

```
insert into
books(Code,Book_Name,Book_Price,Book_Page)Value
s('IT8075','Software Project Mangement','RS.420',330);
```

```
insert into
books(Code,Book_Name,Book_Price,Book_Page)Value
s('OBM752','Hospital Management','RS.300',340);
```

e)hostel Table:

```
insert into
hostel(Room_No,Room_Name,Room_Floor,Room_Mem
bers)values(11,'AC Room','1st Floor',4);
```

```
insert into
hostel(Room_No,Room_Name,Room_Floor,Room_Mem
```

```
bers)values(7,'Normal Room','2nd Floor',6);
```

```
insert into
```

```
hostel(Room_No,Room_Name,Room_Floor,Room_Mem  
bers)values(13,'Food Room','Under Floor',10);
```

```
insert into
```

```
hostel(Room_No,Room_Name,Room_Floor,Room_Mem  
bers)values(15,'Bath Room','1st Floor',1);
```

```
insert into
```

```
hostel(Room_No,Room_Name,Room_Floor,Room_Mem  
bers)values(1,'Bed Room','3rd Floor',8);
```

2)Perform UPDATE,DELETE in 5 Tables?

STEPS:

A)UPDATE Query 5 TABLE :

a)update college SET Place='South vallioor' where
Department='CSE';

b)update student SET Email='goldwin@gmail.com'

where Regno='962719104303';

c)update shiji SET Grade='O' where
Subject_Code='IT8072';

d)update books SET Book_Page=400 where
Code='CS8791';

e)update hostel SET Room_Name='Launch Room'
where Room_No=13;

B)DELETE Query 5 TABLE:

a)delete from college;

b)delete from student;

c)delete from shiji;

d)delete from books;

e)delete from hostel;