

Name:

Class:B.Sc(IT) Sem-1 Div-A

Sub:DBMS

Assignment-5 aim:SQL STATEMENT –alter table, update and delete
create table IT_Calculation

```
(  
Rec_No number(3),  
Num1 number(5,2) not null,  
Num2 number(5,2) not null,  
Total number(10,2),  
Percent number(10,2) default(50.00)  
);
```

1. Insert a new field

Multiply Number 10,2

alter table IT_Calculation

add Multiply number(10,2);

2. Insert constraints as Rec_no Primary key.

alter table IT_Calculation

modify Rec_No number(3) primary key;

3. Insert 10 records in table.

insert into IT_Calculation

values(1,200,300,00,50.00,000);

insert into IT_Calculation

values(2,550,400,00,50.00,000);

insert into IT_Calculation

values(3,340,230,00,50.00,000);

insert into IT_Calculation

values(4,670,200,00,50.00,000);

```
insert into IT_Calculation
values(5,120,320,00,50.00,000);

insert into IT_Calculation
values(6,310,420,00,50.00,000);

insert into IT_Calculation
values(7,800,650,00,50.00,000);

insert into IT_Calculation
values(8,410,210,00,50.00,000);

insert into IT_Calculation
values(9,100,320,00,50.00,000);

insert into IT_Calculation
values(10,325,720,00,50.00,000);
```

4. Do calculation of total using formula Num1+Num2

```
update IT_Calculation
set Total=Num1+Num2;
```

5. Calculate percentage using formula (total*100)/2

```
update IT_Calculation
set Percent=Total*100/1600;
```

6. Change the value of number1 is 150 whose record number is either 5 or 10

```
update IT_Calculation
set Num1=150
where Rec_No='5'or Rec_No='10';
```

7. Change the value of total whose record number is either 5 or 10

```
update IT_Calculation
set Total=Num1+Num2
where Rec_No='5'or Rec_No='10';
```

8. Change the value of percentage whose record number is either 5 or 10.

update IT_Calculation

set Percent=Total*100/1600

where Rec_No='5' or Rec_No='10';

9. Do calculation of multiply with formula Num1*Num2 for all records

update IT_Calculation

set Multiply=Num1*Num2;

10. Remove the record whose record number is 5

delete from IT_Calculation

where Rec_No='5';

11. Remove the record whose record number is between 2 to 4

delete from IT_Calculation

where Rec_No between '2' and '4';

12. Remove all the records of table

delete from IT_Calculation;