

Name:

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

Sub:DBMS

Enrollment:

Assignment-8 aim:SQL aggregate functions

Date of Practical Assignment: 22/12/2021

create table IT_Dml

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

• **Display record number, num1 and num2 whose total is more than 450**

```
insert into IT_Dml
values(01,250,300,550,50.00);
insert into IT_Dml
values(02,10,460,0,50.00);
insert into IT_Dml
values(03,15,435,0,50.00);
insert into IT_Dml
values(04,140,400,0,50.00);
insert into IT_Dml
values(05,400,100,0,50.00);
```

2. Display the num1, num2 and percentage whose num1 is less than 20 and num2 is not equal of 20

```
select Num1,Num2,Percent
from IT_Dml
where Num1<20 and Num2!=20;
```

NUM1	NUM2	PERCENT
10	460	78.33
15	435	75

3. Display total number of records whose total is more than 450

```
select * from IT_Dml
where Total>450;
```

REC_NO	NUM1	NUM2	TOTAL	PERCENT
1	250	300	550	91.67
2	10	460	470	78.33
4	140	400	540	90
5	400	100	500	83.33

4. Display average of num1 and num2

```
select avg(Num1)
from IT_Dml
```

AVG(NUM1)

```
163
select avg(Num2)
from IT_Dml
```

```
AVG(NUM2)
339
```

5. Display sum of num1 and sum of num2.

```
select sum(Num1)
from IT_Dml
```

```
SUM(NUM1)
815
select sum(Num2)
from IT_Dml
```

```
SUM(NUM2)
1695
```

6. Display maximum number of num1 and num2

```
select max(Num1)
from IT_Dml
```

```
MAX(NUM1)
400
select max(Num2)
from IT_Dml
```

```
MAX(NUM2)
460
```

7. Display minimum number of num1 and num2.

```
select min(Num1)
from IT_Dml
```

```
MIN(NUM1)
10
```

```
select min(Num2)
from IT_Dml
```

```
MIN(NUM2)
100
```

8. Display the value of highest total.

```
select max(Total)
from IT_Dml
```

```
MAX(TOTAL)
550
```

9. Display the total of percentage.[USE of SUM]

```
select sum(Percent)
from IT_Dml
```

SUM(PERCENT)
418.33

10. Display the minimum and maximum value of multiplication.

```
select max(Num1*Num2)
from IT_Dml
```

MAX(NUM1*NUM2)
75000

```
select min(Num1*Num2)
from IT_Dml
```

MIN(NUM1*NUM2)
4600