

ASSIGNMENT NO 2

1) Create Table Student2:-

```
MYSQL> create table student2(rollno number(3), name varchar2(30), sub1 number(3),
sub2 number(3), sub3 number(3));
```

Table created.

2) Display Table:-

```
MYSQL> desc student2;
```

Name	Null?	Type
-----	-----	-----
ROLLNO		NUMBER(3)
NAME		VARCHAR2(30)
SUB1		NUMBER(3)
SUB2		NUMBER(3)
SUB3		

Q 2. Insert 5 Records into the table-

```
MYSQL> insert into student2 values(1,'Akshata Labaje',45,74,97);
```

1 row created.

```
MYSQL> insert into student2 values(2,'Manasi Sangave',85,74,47);
```

1 row created.

```
MYSQL> insert into student2 values(3,'Pranali Gare',55,44,67);
```

1 row created.

```
MYSQL> insert into student2 values(4,'prajakata Takade',89,47,46);
```

1 row created.

```
MYSQL> insert into student2 values(5,'Indrayani Upadhe',81,77,56);
```

1 row created.

4).Display All Records from Student2 Table

```
MYSQL> select * from student2;
```

ROLLNO	NAME	SUB1	SUB2	SUB3
-----	-----	-----	-----	-----

1 Akshata Labaje	45	74	97
2 Manasi Sangave	85	74	47
3 Pranali Gare	55	44	67
4 prajakata Takade	89	47	46
5 Indrayani Upadhe	81	77	56

3) Perform following query given below

1. Display the maximum marks of student.

```
MYSQL> select rollno,name,(sub1+sub2+sub3)"total"from student2
where(sub1+sub2+sub3)=(select max(sub1+sub2+sub3)"max total"from student2);
```

ROLLNO NAME	total

1 Akshata Labaje	216

2. Display Minimum of marks of student.

```
MYSQL> select rollno,name,(sub1+sub2+sub3)"Total"from student2
where(sub1+sub2+sub3)=(select min(sub1+sub2+sub3)"Min Total"from student2);
```

ROLLNO NAME	Total

3 Pranali Gare	166

3. Count Total Records Having Marks of sub1 greater than 50.

```
MYSQL> select count(rollno)"count"from student2 where sub1>50;
```

count

4

4. Display Sum of total having names from 'r'.

```
MYSQL> select sum(sub1++sub2+sub3)"sum"from student2 where name like'r%';

sum
-----
216
```

5. Calculate total percentage of each records and display list.

```
MYSQL> select
rollno,name,(sub1+sub2+sub3)"Total",((sub1+sub2+sub3)/3)"percentage"from
student2;
```

ROLLNO NAME	Total percentage	
1 Akshata Labaje	216	72
2 Manasi Sangave	206	68.6666667
3 Pranali Gare	166	55.3333333
4 prajakata Takade	182	60.6666667
5 Indrayani Upadhe	214	71.33333337).

6. Display the record of which contain name ; ‘Akshata Labaje’ and ‘Pranali Gare’ in command line.

MYSQL> select * from student2 where name in('Akshata Labaje','Pranali Gare');

ROLLNO NAME	SUB1	SUB2	SUB3
1 Akshata Labaje	45	74	97
3 Pranali Gare	55	44	67

7. Display the record of rollno 3, 4, 5 using Not In Command.

MYSQL> select * from student2 where rollno not in(3, 4, 5);

ROLLNO NAME	SUB1	SUB2	SUB3
3 Pranali Gare	55	44	67
4 prajakata Takade	89	47	46
5 Indrayani Upadhe	81	77	56

Q 4. Perform the following queries.

1) Display the name in lower case whose percentage is greater than 70%.

MYSQL> select lower(name)"Lower Name"from student2
where((sub1+sub2+sub3)/3)>70;

Lower Name

akshata labaje
indrayani upadhe

2) Display the Name in uppercase whose rollno is between 1 to 3.

```
MYSQL> select upper(name) "Upper case" from student2 where rollno between 1 and 3;
```

Upper case

AKSHATA LABAJE

MANASI SANGAVE

PRANALI GARE

3) Display the initial capital letter whose second letter of name is 'n'.

```
MYSQL> select rollno,initcap(name)"Result"from student2 where name like'_n%';
```

ROLLNO Result

5 Indrayani Upadhe

4) Display the length of each name of student in ascending order.

```
MYSQL> select name,length(name)"Length2"from student2 order by length(name)asc;
```

NAME	Length2
------	---------

Pranali Gare	12
--------------	----

Manasi Sangave	14
----------------	----

Akshata Labaje	14
----------------	----

Indrayani Upadhe	16
------------------	----

prajakata Takade	16
------------------	----

Q 5. Perform the following query given below.

1) Find out the absolute value of number(30.584) using abs().

```
MYSQL> select abs(30.584)"absolute value "from dual;
```

absolute value

30.584

2) Find out the power of number(2,3) using power().

```
MYSQL> select power(2,3)"power"from dual;
```

power

8

3) Find out the value of a number(9.75,1)using round().

MYSQL> select round(9.75,1)"Round "from dual;

Round

9.8

4) Find out the root of a no 25 using sqrt().

MYSQL> select sqrt(25)"square root"from dual;

square root

5

5) Find out the mod of no(15,2)using mod().

MYSQL> select mod(15,2)"mod"from dual;

mod

1