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'.

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 | SUE | 31 S | 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 | SUB | 31 S | UB2 | 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 |
| indravani upadhe |

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

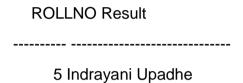
MYSQL> select upper(name) "Upper case" from student2 where rollno between 1 and 3;

| 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%';



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 root5 |
| 5) Find out the mod of no(15,2)using mod(). MYSQL> select mod(15,2)"mod"from dual; |
| mod 1 |