ASSIGNMENT – 1 SQL FUNCTIONS

1	Print the absolute value of –15.35
2	Calculate 3.25 raised to 2.25
3	Display the rounded value of 3.1417 upto 3 decimal places.
4	Display the truncated value of 3.1417 upto 3 decimal places.
5	Find the square root of 17 and –13 if possible.
6	Print the value of e to the 5^{th} power
7	Print the ceil value and floor value of 15.72
8	Find the value of 13 mod 5
9	Add 275 months to your date of birth and display it.
10	Find the value sin of 100, and log 100 to the base 10
→	Create a database of books :- (no, title, author, publication, price, edition)
11	List the names of author starting with capital letter.
12	Display the name of book in both lower and upper case using a single query.
13	Display the output : 'BAD' using CHR function.
14	Display the price of books in the following format : ****450
15	Display the price of books in the following format : 450*/*/
16	Display the publication of PHI as Pearson (Use replace…)
17	Display the title of books and trim the ending part if it ends with prog.
18	Display the titles of books which contains '++' in it.
19	Modify the column size of author.
20	Add a new column author2 to the table.
→ 1	Create a table stud_marks which contains (no, fname, lname, m1, m2, m3, dob) m1,m2,m3 :- marks of 3 subjects, Enter atleast 10 values in this table
2	Display the details in following order :- RollNo. Lname, Fname
3	Find the current age of each student.
4	Display the total marks of each student along with the rollno
5	Display the percentage of each student
6	Display the students scoring highest marks in each subject.
7	Display the students scoring highest total marks
8	Display the students whose name starts with 'S'.
9	Display the students whose surname ends with 'kar'
10	List all the students who fails in any one of the subjects.
11	List all the students who are passing in all subjects but the percentage < 60
12	List the students whose total marks are between 50 and 60
13	List all the students whose name does not start with 'S'
14	Update the table, set marks m1=40 for those students who scored a total of atleast 100 marks in m2 and m5
15	Display the students whose marks are either 50, 60 or 70.
16	List all the students born in the month of January.
17	List all the students whose date of birth is even no.
18	Find the age of students in terms of months passed
19	Display the students whose date of birth falls in the first quarter of the year
20	Find the date, 15 days after today's date.
21	List the students whose name contains vowels (small)
22	List the students whose name does not contain vowels
23	Count the no. of students whose name starts with 'S'
24	Count the no. of students whose name ends with 'kar'
25	Display the names of student in following format Eg. If name is 'hardik' & surname is 'joshi' then display 'harshi'
26	Display the rows which contains null values in m1, m2 or m3
27	Display the rows which does not contain null values in name
28	Display the rows where name sounds like 'sachin' (use soundex function)
29	Generate a random no. using date
30	Display the output in following form :- <Name was born on Day> Eg. Hardik was born on Thursday.