QUERIES

1. Find the Ceil value of 8.29

2. Round up -3.9 using the CEIL function.

3. Ceil the result of 17 divided by 3.

4. Find the floor value of 9.76

5. Round down -5.3 using the FLOOR function.

6. Floor the result of 15 divided by 4.

7. Find the square root of 625

8. Calculate the square root of 2 using the SQRT function.

9. Find the abs value of 8.29

10. Find the absolute value of a negative number, - 3.14.

11. Determine the absolute value of a numeric column, -42.

12. Display the current date (set for the operating system on which the database server resides) using SYSDATE as NOW

13. Use To_Char to display date and time in different formats

14. Display system date and time using SYSTIMESTAMP

15. Demonstrate the use of LEAST function in string, by passing three strings as arguments

16. Demonstrate the use of GREATEST function in string, by passing three strings as arguments

17. Remove leading spaces from the string ' Trim me'.

18. Remove Trailing spaces from the string 'I love India '.

19. Right-pad your own name to be 15 characters long with 'X'.

20. Right-pad a numeric column, e.g., 123, with zeros to make it 6 characters long.

21. Display the reverese of the string 'uoy evol I'
22. Reverse the string 'racecar' to check if it's a palindrome.
23. Find the length of the string 'Oracle Database'.
24. Concatenate the following strings: 'Oracle', 'SQL', 'is', 'powerful', and 'flexible'.
25. Concatenate your first name and last name using concat function
26. Use SUBSTR function to retrieve the substring ‘is’ from the string ‘India is my country’
27. Extract a substring of your own name, the middle 3 characters.
28. Extract the first 3 characters from the string 'Substring'.

PART B

Create a table named **angle** with the trigonometric functions in the first row such as sin, cos, tan,cot , sec and insert angles such as 0°, 30°, 45°, 60°, 90°, and find all

. Create a table named angle

Angle	SIN	COS	TAN	COT	SEC
0					
30					
45					
60					
90					

Hints :

```
create table angle
insert into angle(angle) values(0);
....
UPDATE angle SET sin=sin(angle*(3.14/180));
```