Assignment No. 11

Problem-1

Create a product table with following attributes in it.

Product ID, Product type, Name and cost

Insert at least 8 tuples in it.

Write a function to find the final cost of the product based on following conditions.
1. If type = Furniture then gst = 12%
2. If type = Electronics then gst = 18%
3. If type = Stationary then gst = 6%
4. Zero otherwise

Problem-2

Create a employees table with following attributes in it.

Employee id, Employee name, Salary, Department, Age, Experience

Insert at least 8 tuples in it.

Write a function to find the gross salary of the employee based on the below conditions:
1. If experience is less than 3 then no DA/HRA given.
2. If experience is greater than or equal to 3 and less than 8 then no DA=30% of salary and HRA is 5% of Salary.
3. If experience is greater than or equal to 8 then no DA=50% of salary and HRA is 5% of Salary.

Problem-3

Create a student information table and demonstrate the usage of following functions on it.

1. ASCII
2. BIN
3. CHARACTER_LENGTH
4. CONCAT

5. CONCAT_WS
6. FIELD
7. FIND_IN_SET
8. FORMAT
9. INSTR
10. LCASE
11. LEFT
12. LENGTH
13. LOCATE
14. LPAD
15. LTRIM
16. LOWER
17. MID
18. REPEAT
19. REPLACE
20. REVERSE
21. RIGHT
22. RPAD
23. RTRIM
24. SPACE
25. SUBSTRING
26. TRIM
27. UCASE
28. UPPER