**ASSIGNMENT NO-02**

31.Find all employees hired in month of February (of any year).

-> SELECT \* FROM EMP WHERE MONTH(HIRED\_DATE)=2;

32.Find all employees who were hired on the last day of the month.

-> SELECT \* FROM EMP WHERE DAY(HIRED\_DATE)=31;

33.Find the employees who were hired more than 12 years ago.

-> SELECT \* FROM EMP WHERE DATEDIFF(YEAR(HIRED\_DATE),YEAR(CURDATE()))>12;

34.Find the managers hired in the year 2007.

-> SELECT \* FROM EMP WHERE YEAR(HIRED\_DATE)=2007 AND ROLE='MANAGER';

35.Display the names and the jobs of all employees, separated by ','(comma). For example (smith, clerk).

-> SELECT CONCAT(NAME ,",", ROLE) FROM EMP;

36.Display the names of all employees with the initial letter only in capitals.

-> SELECT UPPER(LEFT(NAME,1)) FROM EMP;

37.Display the names of all employees, right aligning them to 15 characters.

-> SELECT LPAD(NAME,15,'.') FROM EMP;

38.Display the names of all employees, padding them to right up-to 15 characters with '-'.

-> SELECT RPAD(NAME,15,'\_') FROM EMP;

39.Display the length of the name of all employees.

-> SELECT LENGTH(NAME) FROM EMP ;

40.Display the names of all employees centering them with 20 characters.

-> SELECT MID(NAME,20) FROM EMP;

41.Display the names of all employees without any leading 'a'.

-> SELECT NAME FROM EMP WHERE NAME NOT LIKE '%A';

42.Display the names of all employees without any trailing 'r'.

-> SELECT NAME FROM EMP WHERE NAME NOT LIKE '%R';

43.Show the first three characters of the names of all employees.

->SELECT SUBSTRING(NAME,1,3) FROM EMP;

44.Show the last three characters of the names of all employees.

-> SELECT RIGHT(NAME,3) FROM EMP;

45.Display the names of all employees replacing any 'a' with 'e'.

-> SELECT REPLACE(NAME,'a','e') FROM EMP ;

46.Display the names of all employees and the position at which the string 'ar' occurs in the name.

-> select NAME,instr(NAME,'ar',1) from emp ;

47.Show the salary of all employees rounding it to the nearest Rs. 1000. For example (3790 will be 4000)

-> SELECT SALARY,CEIL(SALARY/1000)\*1000 FROM EMP;

48.Show the daily salary of all employees assuming a month has 30 days.

49.Display the name of all employees, and their bonus Assume each Employee gets a bonus of 20 percent of his salary subject to the Maximum of Rs. 500.

-> SELECT NAME ,CASE WHEN (SALARY/0.20)>500 THEN 500 ELSE (SALARY/0.20) END BOUNS FROM EMP;

50.Display the name of all employees, and their bonus.Assume each employee gets a bonus of 20 percent of his salary subject to the Maximum of Rs. 200.

->SELECT NAME, CASE WHEN (SALARY/0.20)>200 THEN 200 ELSE (SALARY/0.20) END BONUS FROM EMP

51.For each employee display the number of days passed since the employee joined the company.

-> SELECT NAME, HIRED\_DATE, DATEDIFF(CURRENT\_DATE, HIRED\_DATE) AS DAYS\_HIRED FROM EMP

**3) Ordering by Queries**

52.Display the details of all employees, sorted on the names.

->SELECT \* FROM EMP ORDER BY NAME;

53. Display the name of all employees, based on their tenure, with the oldest employee coming first.

-> SELECT NAME FROM EMP ORDER BY HIRED\_DATE;

54.Display the names, job and salary of all employees sorted on jobs and Salary.

-> SELECT NAME,ROLE,SALARY FROM EMP ORDER BY ROLE,SALARY;

55.Display the names, job and salary of all employees, sorted on jobs and within job, sorted on the descending order of salary.

-> SELECT NAME,ROLE,SALARY FROM EMP ORDER BY ROLE,SALARY DESC;

56.Display the names, job and salary of all employees, sorted on Descending order of job and within job, sorted on the descending order of salary.

-> SELECT NAME,ROLE,SALARY FROM EMP ORDER BY ROLE DESC,SALARY DESC;