IMPORTANT INTERVIEW SQL QUESTIONS

1) What is the difference between SQL and MySQL?
2) What are the different subsets of SQL?
3) What do you mean by DBMS? What are its different types?
4) What do you mean by table and field in SQL?
5) What are joins in SQL?
6) What is the difference between CHAR and VARCHAR2 datatype in SQL?
7) What is the Primary key?
8) What are Constraints?
9) What is the difference between DELETE and TRUNCATE statements?
10) What is a Unique key?
11) What is RDBMS? How is it different from DBMS?
12) What is a Self-Join?
13) What is the SELECT statement?
14) What are some common clauses used with SELECT query in SQL?
15) What is Cursor? How to use a Cursor?
16) What are UNION, MINUS and INTERSECT commands
17) What is the usage of the NVL() function?
18) Explain character-manipulation functions? Explains its different types in SQL.
19) Write the SQL query to get the third maximum salary of an employee from a table named employees.
20) What are Tables and fields?
21) What is a UNIQUE constraint?
22) What is SQL example?
23) How to remove duplicate rows in SQL?
24) How to find the nth highest salary in SQL?
25) What are joins in SQL?
26) What is a Primary key?
27) What are Constraints?

28) **What is the difference between DELETE and TRUNCATE statements?**

29) **Write a SQL query to display the current date?**

30) **What are Entities and Relationships?**

31) **What is an Index?**

32) **What is Normalization and what are the advantages of it?**

33) **What is the difference between DROP and TRUNCATE commands?**

34) **How many Aggregate functions are available in SQL? . What is the default ordering of data using the ORDER BY clause? How could it be changed?**

35) **How do we use the DISTINCT statement? What is its use?**

36) **What do you mean by "Trigger" in SQL?**

37) **What are the different operators available in SQL?**

38) **What is the difference between cross join and natural join?**

39) **What is subquery in SQL?**

40) **What are the different types of a subquery?**

41) **Write a SQL query to find the names of employees that begin with 'A'?**

42) **What is the need for group functions in SQL?**

43) **What is the main difference between 'BETWEEN' and 'IN' condition operators?**

44) **What is CLAUSE in SQL?**

45) **What is the difference between 'HAVING' CLAUSE and a 'WHERE' CLAUSE?**

46) **What is an ALIAS command?**

47) **Name the operator which is used in the query for pattern matching?**

48) **How can you select unique records from a table?**

49) **What is the main difference between SQL and PL/SQL?**

50) **What is a View? SQL Query to fetch records that are present in one table but not in another table.**

51) SQL query to fetch all the employees who are not working on any project.

52) SQL query to fetch all the Employees from EmployeeDetails who joined in the Year 2020.

53) Fetch all employees from EmployeeDetails who have a salary record in EmployeeSalary.

54) Write an SQL query to fetch a project-wise count of employees.

55) Fetch employee names and salaries even if the salary value is not present for the employee.

56) Write an SQL query to fetch all the Employees who are also managers.

57) Write an SQL query to fetch duplicate records from EmployeeDetails.

58) Write an SQL query to fetch only odd rows from the table.

59) Write a query to fetch employee names and salary records. Display the employee details even if the salary record is not present for the employee.

60) Write an SQL query to join 3 tables.

61) Write an SQL query to fetch all the Employees who are also managers from the Employee Details table.

62) Write an SQL query to fetch only odd rows from the table.

63) Write an SQL query to fetch only even rows from the table.

64) What is the Query to fetch first record from Employee table?

65)   What is the Query to fetch last record from the table?

Answer:-
Select *
from Emp
where Rowid= select max(Rowid)
from Emp;

66)Display first 50% records from Employee table?

Select rownum,E.*

from Emp E

where rownum<=(Select count(*)/2

from Emp);

66)   find the salaries of all employees with the name 'SM%'

67)   What is the difference between Rename and Alias?

68)   What is denormalization?

69)   Display first 3 records of employee

SELECT *

FROM EMP

WHERE ROWNUM<=3;

70)   **Display last 5 records of employee table?**

        SELECT *

          FROM EMP E1

          WHERE 5 > (SELECT COUNT(*)

                FROM EMP

                WHERE E1.ROWID <E2.ROWID);

QURIES ON GROUP BY AND HAVING:

1. WRITE A QUERY TO DISPLAY TOTAL SALARY NEEDED TO PAY EACH JOB IN EMPLOYEE TABLE.

2. WRITE A QUERY TO DISPLAY THE HIRE DATE ON WHICH AT LEAST 3 EMPLOYEES WHERE HIRED.

3. WRITE A QUERY TO DISPLAY THE DEPARTMENT NUMBER WHICH HAS MORE THAN 2 EMPLOYEES AND THE TOTAL AMOUNT REQUIRED TO PAY THE MONTHLY SALARIES OF ALL THE EMPLOYEES IN THAT DEPARTMENT SHOULD BE MORE THAN 9000.

4. WRITE A QUERY TO DISPLAY NUMBER OF EMPLOYEES WORKING IN EACH DEPARTMENT AND ITS' AVERAGE SALARY BY EXCLUDING ALL THE EMPLOYEES WHOSE SALARY IS LESS THAN THEIR COMMISSION.

5. WRITE A QUERY TO DISPLAY THE SALARIES WHICH HAS REPETITIONS IN THE SAL COLUMN OF EMPLOYEE TABLE.

6. WRITE A QUERY TO DISPLAY THE EMPLOYEE NAME ONLY IF MORE THAN ONE PERSON IN THE EMPLOYEES OF THE COMPANY HAS SAME NAME.

7. WRITE A QUERY TO DISPLAY THE DEPARTMENT NUMBER WHOSE AVERAGE SALARY IS BETWEEN 2500 AND 3000.

8. WRITE A QUERY TO DISPLAY THE NUMBER OF EMPLOYEES ONLY IF THEY ARE WORKING AS MANAGER OR ANALYST AND THEIR ANNUAL SAL SHOULD END WITH A ZERO, IN EACH DEPARTMENT.

9. WRITE A QUERY TO DISPLAY NO OF CLERKS WORKING IN EACH DEPARTMENT.

10. WRITE A QUERY TO DISPLAY HIGHEST SALARY GIVEN TO A MANAGER IN EACH DEPARTMENT.

11. WRITE A QUERY TO DISPLAY NO OF TIMES THE SALARIES HAVE REPEATED IN THE EMP TABLE.

12. WRITE A QUERY TO DISPLAY DEPTNO AND MUNBER OF EMPLOYEES WHORKING IN EACH DEPARTMENT EXCEPT FOR THOSE WORKING IN DEPT 10

13. WAQTD NUMBER OF EMPLOYEES GETTING COMISSION IN EACH DEPARTMENT

14. WAQTD NUMBER OF EMPLOYEES GETTING SALARY MORE THAN 1600 EXCLUDING ALL THE MANAGERS IN EACH DEPARTEMNT

15. WAQTD AVERAGE SALARY NEEDED TO PAY ALL THE EMPLOYEES WHO ARE HAVING A REPORTING MANAGER IN EACH JOB .

16. WAQTD NUMBER OF EMPLOYEES HIRED INTO THE SAME DEPARTMENT ON THE SAME DAY

17. WAQTD NUMBER OF EMPLOYEES GETTING THE SAME SALARY , WORKING IN THE SAME DEPARTMENT

18. WAQTD MAXIMUM SALARY GIVEN IN EACH DESIGNATION EXCLUDING THOSE WHOS NAME STARTS WITH 'K'

19. WAQTD NUMBER OF EMPLOYEES REPORTING TO 7839 IN EACH DEPT

20.WAQTD NUMBER OF EMPLOYEE NAMES STARTING WITH AN VOWEL IN EACH DEPARTMENT

SUB-QUERY

1.DISPLAY ALL THE EMPLOYEES WHOSE DEPARTMET NAMES ENDING 'S'

2.QUERY TO DISPLAY THE EMPLOYEE NAMES WHO IS HAVING MAXIMUM SALARY IN DEPT NAME "ACCOUNTING"

3.QUERY TO DISPLAY THE DEPT NAME WHO IS HAVING HIGHEST COMMISSION

4. QUERY TO DISPLAY THE EMPLOYEE NAMES WHOSE DEPARTMENT NAME HAS 2ND CHARACTER AS 'O'.

5. QUERY TO DISPLAY ALL THE EMPLOYEES WHO'S DEPT NUMBER IS SAME AS SCOTT.

6.QUERY TO DISPLAY ALL THE EMPLOYEES IN 'OPERATIONS AND ACCOUNTING' DEPT.

7.LIST THE EMPLOYEES WHO HAS SALARY GREATER THAN MILLER

8. LIST DEPARTMENT NAME HAVING ATLEAST 3 SALESMAN

9. DISPLAY THE DNAME OF AN EMPLOYEES WHO HAS NO REPORTING MANAGER.

10. LIST ALL THE EMPLOYEES WHO ARE REPORTING TO JONES MANAGER

11. LIST EMPLOYEES FROM RESEARCH&ACCOUNTING HAVING ATLEAST 2 REPORTING.

12. DISPLAY THE DEPARTNAME OF THE EMPLOYEE WHOSE NAME DOES NOT STARTS WITH S AND SALARY BETWEEN 1500 TO 3000.

13.DISPLAY LOCATION OF EMPLOYEE WHOSE SALARY IS MINIMUM SALARY BUT SALARY IS GREATER THAN 2000

14. DISPLAY THE LOCATION OF AN EMPLOYEE IN ACCOUNTING DEPARTMENT.

15. DISPLAY THE DEPARTMENT 'S LOCATION THAT IS HAVING GREATER THAN FOUR EMPLOYEES IN IT.

16. WRITE A QUERY TO DISPLAY ALL THE EMPLOYEE WHOSE JOB NOT SAME AS ALLEN AND SALARY IS GREATER THAN MARTIN.

17. DISPLAY ALL THE EMPLOYEES WHO IS HAVING LOCATION IS SAME AS ADAM'S MANAGER?

18. DISPLAY THE JOB, MANAGER NUMBER OF EMPLOYEES WHO IS WORKING FOR JONES?

19. DISPLAY THE EMPLOYEE NAMES, HIGHER DATE, COMMISSION OF FORD'S MANAGER?

20. DISPLAY THE NUMBER OF EMPLOYEES WHO ARE GETTING SALARY LESS THAN THE BLAKE'S MANAGER

21. LIST EMPLOYEES WHO LOCATED IN CHICAGO AND THEIR COMMISSION IS ZERO.

22. LIST EMPLOYEES WHO WORK FOR SALES DEPARTMENT AND THEIR SALARY GREATER THAN AVERAGE SALARY OF THEIR DEPARTMENT.

23. LIST EMPLOYEES WHO ARE WORKING IN RESEARCH DEPARTMENT AND THEY ARE MANAGER.

24. DISPLAY DEPARTMENT NAME OF THE EMPLOYEES WHO EARN COMMISSION.

25. DISPLAY DEPARTMENT NAME OF THE EMPLOYEE WHO EARN MAXIMUM SALARY AND HAVE NO REPORTING MANAGER.

26. DISPLAY EMPLOYEE DETAILS WHO ARE REPORTING TO BLAKE AND HAVE COMMISSION WITHOUT USING NULL OR NOT NULL

27. LIST ALL THE DEPTNAME AND LOC OF ALL THE SALESMAN MANAGER-MANAGER'S

28. LIST THE EMPLOYEE DEPTNAME AND LOC OF ALL THE EMPLOYEES WHO ARE CLERK ,REPORTING TO BLAKE AND SALARY IS LESSER THAN MARTIN SALARY

29. LIST THE EMPLOYEES WHO DOES NOT DIRECTLY REPORT TO PRESIDENT,HAVE COMMISSION AND SALARY MORE THAN MAX SALARY OF ALL THE CLERK WITHOUT USING NULL OR NOT NULL

30. LIST THE EMPLOYEES WHO JOINED AFTER 2 YEARS OF FIRST EMPLOYEE OF THE COMPANY AND MORE THAN BLAKE SALARY

31. DISPLAY LOCATION OF ALL THE EMPLOYEES WHO REPORTING TO BLAKE

32. LIST ALL THE EMPLOYEES WHOSE JOB IS SAME AS JONES AND THEIR SALARY LESSER THAN SCOTT

33.DISPLAY ALL THE EMPLOYEES OF DEPARTMENT 30, 20 WITH THERE ANUAL SALARY AND HAVING ATLEAST 3 EMPLOYEES

34.DISPLAY ALL THE EMPLOYEES WHO ARE EARN LESS THAN ANY OF THE SALESMAN? 35.DISPLAY ALL THE EMPLOYEES WHO ARE JOINED BEFORE THE LAST PERSON?

35.FIND 3RD MINIMUM SALARY IN THE EMPLOYEE TABLE.

36.DISPLAY ALL THE EMPLOYEES WHO ARE EARNING MORE THAN ANY OF THE MANAGER.

37.LIST EMPLOYEES WHO JOINED AFTER 4 YEARS OF 1ST EMPLOYEE OF THE COMPANY AND LESS THAN BLAKE SALARY.

38. DISPLAY THE DEPARTMENT INFORMATION OF EMPLOYEE WHO IS WORKING FOR NEW YORK LOCATION

39. DISPLAY LOCATION OF EMPLOYEES, WHOSE NAME DOESN'T START WITH A AND SALARY BETWEEN 1000 AND 3000.

40. DISPLAY DEPARTMENT NAME OF ALL THE EMPLOYEES WHO ARE REPORTING TO BLAKE.

41. DISPLAY MARTIN'S MANAGER'S MANAGER'S DEPARTMENT NAME AND LOCATION.

42.DISPLAY THE MANAGER NUMBER,JOB AND DEPARTMENT NUMBER FOR THOSE WHO DON'T HAVE COMMISSION IN THE LOCATION CHICAGO OR DALLAS

43.DISPLAY THE EMPLOYEE DETAILS WITH THEIR ANNUAL SALARY WHO EARN MAXIMUM COMMISSION

44.DISPLAY ALL THE EMPLOYEE WHOSE DEPARTMENT IS SALES AND WHO IS EARNING SOME COMMISSION (I.E COMMISSION IS NOT NULL OR ZERO)AND WHO IS HIRED BEFORE THE LAST PERSON HIRED.

45.DISPLAY ALL THE DEPARTMENT NAMES FOR WARD'S MANAGER'S MANAGER

46:DISPLAY DEPARTMENT NAMES OF EMPLOYEE'S WHOSE SALARY IS GREATER THAN AVERAGE SALARY OF ALL THE CLERK'S

47.DISPLAY THE LAST EMPLOYEE RECORD WITH 25% HIKE IN SALARY.

48.DISPLAY THE DEPARTMENT NUMBER WHO WORKING IN SALES DEPARTMENT AND THEY ARE MANAGER.

49.DISPLAY DEPARTMENT NAME OF THE EMPLOYEE WHO EARN MINMUM SALARY AND HAVE REPORTING MANAGER.

50.DISPLAY HIREDATE AND JOB OF ALL THE EMPLOYEES WORKING FOR SALES

51.DISPLAY LOCATION AND DNAME OF EMPLOYEE WHO WORKING AS PRESIDENT

52.DISPLAY THE DNAME OF EMPLOYEES WHOES SALARY IS MAXIMUM SALARY BUT LESSER THAN 3000

53.DISPLAY THE DEPARTMENT NAME WHO ARE REPORTING TO ADAMS.

54.DISPLAY LAST EMPLOYEE RECORD ACCORDING TO EMPNO.

55.DISPLAY ALL THE EMPLOYEE WHOSE SALARY IS GREATER THAN AVERAGE SALARY OF DEPARTMENT 30.

56.DISPLAY THE NUMBER OF EMPLOYEES WHO WORK FOR RESEARCH DEPT AND THEIR SALARY IS LESSER THAN ONE OF THE SALARY IN DEPARTMENT IN 10.

57.DISPLAY THE DNAME THAT ARE HAVING CLERK IN IT.

58.DISPLAY THE DEPARTMENT NAMES THAT ARE HAVING ATLEAST ONE L IN IT.

59. DISPLAY ALL THE EMPLOYEES WHO ARE JOINED AFTER BLAKE.

60. LIST THE DEPT NAME THAT ARE HAVING AT LEAST 3 EMPLOYEES BUT NOT MORE THAN 5 EMPLOYEES IN IT.

61. DISPLAY THE LOCATION OF ALL EMPLOYEES WHOSE REPORTING MANAGER SALARY IS GREATER THAN 2000.

62.SELECT THE EMPLOYEES WHOSE DNAME IS HAVING AT LEAST TWO 'E' IN IT.

63.DISPLAY ENAME,SAL OF EMPLOYEES WHO ARE EARNING MORE THAN ANY OF THE ANALYST.

64. SELECT ALL THE EMPLOYEES WHO ARE WORKING FOR CHICAGO

65. QUERY TO DISPLAY EMPLOYEE NAMES WHO IS HAVING MINIMUM SALARY IN DEPARTMENT RESEARCH.

66. LIST THE DEPARTMENT NAMES THAT ARE HAVING SALESMAN.

67. LIST THE DEPARTMENT NAMES THAT ARE HAVING AT LEAST 3 EMPLOYES IN IT.

68. LIST EMPLOYEES FROM RESEARCH AND ACCOUNTING DEPARTMENT HAVING ATLEAST TWO REPORTING

69. WRITE A QUERY TO DISPLAY EMPLOYEE NAME, JOB,LOCATION OF ALL EMPLOYEES WHO ARE WORKING AS MANAGER AND WORKS AT CHICAGO.

70. SELECT ENAME OF EMPLOYEE WHO EARNS 2ND MAX SALARY AND WORKS FOR LOCATION DALLAS.

71. WRITE A QUERY TO DISPLAY THE EMPLOYEE INFORMATION WHO IS NOT TAKING COMMISSION AND JOINED COMPANY AFTER JULY 83.

72. LIST EMPLOYEES FROM SALES AND RESEARCH DEPARTMENT HAVING ATLEAST 2 REPORTING EMPLOYEES .

73. LIST EMPLOYEES WHO HAVE COMMISSION GREATER THAN MAXIMUM SALARY OF ALL THE SALESMAN AND WHO DO NOT REPORT TO KING DIRECTLY .

74. DISPLAY THE LOCATION OF ALL THE DEAPRTMENTS WHICH HAVE EMPLOYEES JOINED IN THE YEAR 81

75. DISPLAY DEPARTMENT WISE MINIMUM SALARY WHICH IS LESS THAN AVERAGE SALARY OF EMPLOYEES.

76. DISPLAY ALL THE EMPLOYEES WHO ARE REPORTING TO 'JONES'.

77.DISPLAY ALL THE EMPLOYEE INFORMATION WHO ARE LIVING IN A LOCATION WHICH IS HAVING AT LEAST 2 'O' IN IT.

78.DISPLAY THE NAMES OF EMPLOYEE FROM DEPARTMENT NUMBER 10 WITH SALARY GREATER THAN THAT OF ALL EMPLOYEE WORKING IN OTHER DEPARTMENTS.

79.DISPLAY THE NAMES OF EMPLOYEES WHO EARN HIGHEST SALARY IN THEIR RESPECTIVE JOBS.

80. DISPLAY THE EMPLOYEE NUMBER AND NAME OF EMPLOYEE WORKING AS CLERK AND EARNING HIGHEST SALARY AMONG CLERKS.

81. WRITE A QUERY TO FIND SMITH'S MANAGER'S MANAGER HIREDATE.

82.LIST THE NUMBER OF EMPLOYEES WHOSE JOB IS SALESMAN WORKING FOR NEWYORK AND CHICAGO

83. LIST THE DEPARTMENT NAMES IN WHICH THE EMPLOYEES ARE HIRED BETWEEN 1ST OF JAN 1981 AND 31ST DEC 1982 WITH SALARY MORE THAN 1800.

84.DISPLAY LOCATION OF THE EMPLOYEE WHO EARN MAXIMUM SALARY AND HAVE NO REPORTING MANAGER

85. LIST EMPLOYEES WHO WORKS FOR ACCOUNTING DEPARTMENT AND THEIR SALARY GREATER THAN AVERAGE SALARY OF THEIR DEPARTMENT

86. DISPLAY LOCATION OF THE EMPLOYEE WHO EARN COMMISSION

87.LIST THE EMPLOYEES WHO DOES NOT DIRECTLY REPORT TO PRESIDENT,HAVE COMMISSION AND SALARY MORE THAN MAX SALARY OF ALL THE CLERK WITHOUT USING NULL OR NOT NULL

88.DISPLAY ALL THE EMPLOYEES WHOSE SALARY IS GREATER THAN AVG SAL OF DEPARTMENT 20

89. LIST THE EMPLOYEE DEPTNAME AND LOC OF ALL THE EMPLOYEES WHO ARE CLERK ,REPORTING TO BLAKE AND SALARY IS LESSER THAN MARTIN SALARY

90.DISPLAY LOC AND DNAME WHOSE JOB IS MANAGER AND HAS SAL LESS THAN CLERK.

91.DISPLAY EMPLOYEES LOCATION WHO HAS SOME COMMISSION.

92.DISPLAY EMPNO, ENAME, JOB, WHOSE JOB HAS 'E' IN IT AND DISPLAY EMPNO IN DESCENDING ORDER.

93. DISPLAY DNAME, LOC,DEPTNO OF EMPLOYEES WHO HAS SAME REPORTING MANAGER???

94. DISPLAY AVG SALARY OF ALL EMPLOYEES WHOSE DEPT NAME IS ACCOUNTING??? 95. DISPLAY ALL EMPLOYEES DETAILS WHOSE HIREDATE IS IN YEAR 81???

96. DISPAY DETAILS OF SMITH AND EMPLOYEES WORKING AS PRESIDENT ALONG WITH HIKE OF 35% IN SALARY.

97. DISPLAY NUMBER OF EMPLOYEES WHOSE COMMISSION IS MORE THAN SALARY.

98. LIST THE EMPLOYEES WHOSE DAILY SALARY IS GREATER THAN 1500 AND WHO ARE JOINED BEFORE 1982 ONLY.

99. DISPLAY NUMBER OF EMPLOYEES WHOSE COMMISSION IS MORE THAN SALARY.

100. LIST THE EMPLOYEES WHOSE DAILY SALARY IS GREATER THAN 1500 AND WHO ARE JOINED BEFORE 1982 ONLY.

101. DISPLAY ALL THE EMPLOYEES WHOSE JOB SAME AS 'SMITH' AND DEPARTMENT SAME AS 'JONES' AND SALARY MORE THAN 'TURNER'

102. DISPLAY ALL THE EMPLOYEES WHOSE NAME START WITH 'S' AND HAVING SALARY MORE THAN 'ALLEN' AND LESS THAN FORD

103. DISPLAY ALL THE CLERKS AND ANALYST WHO ARE NOT WORKING FOR 'DALLAS'

104. DISPLAY DEPARTMENT NAME WHICH IS HAVING AT LEAST ONE 'MANAGER'

105. DISPLAY MAXIMUM SALARY OF 'SALES' DEPARTMENT

106. DISPLAY THE 2ND MAXIMUM SALARY

107.DISPLAY THE DEPT NAME OF THE EMP WHO GETS 3RD MAXIMUM SALARY

108. DISPLAY ALL THE EMPLOYEES WHO ARE EARNING MORE THAN ALL THE MANAGERS(JOB).

109. DISPLAY ALL THE EMPLOYEES WHO ARE EARNING MORE THAN ANY OF THE MANAGER(JOB)

110. SELECT EMPNO, JOB AND SALARY OF ALL THE ANALYST WHO ARE EARNING MORE THAN ANY OF THE MANAGER(JOB)

111. SELECT THE DEPARTMENT NAME AND LOCATION OF ALL THE EMPLOYEES WORKING FOR CLARK.

112. SELECT ALL THE EMPLOYEES WORKING FOR DALLAS

113. DISPLAY ALL THE EMPLOYEES WHOSE SALARY IS GREATER THAN AVG SAL OF DEPARTMENT 20

114.DISPLAY ALL THE EMPLOYEES WHO GETS MAXIMUM SALARY.

115.DISPLAY FIRST EMPLOYEE RECORD BASED ON HIREDATE.

QUESTIONS(INNER JOIN) -----------

1.NAME OF THE EMPLOYEE AND HIS LOCATION OF ALL THE EMPLOYEES.

2.WAQTD DNAME AND SALARY FOR ALL THE EMPLOYEE WORKING IN ACCOUNTING.

3.WAQTD DNAME AND ANNUAL SALARY FOR ALL EMPLOYEES WHOS SALARY IS MORE THAN 2340

4.WAQTD ENAME AND DNAME FOR EMPLOYEES HAVING CHARACTER 'A' IN THEIR DNAME

5.WAQTD ENAME AND DNAME FOR ALL THE EMPLOYEES WORKING AS SALESMAN

6.WADTD DNAME AND JOB FOR ALL THE EMPLOYEES WHOS JOB AND DNAME STARTS WITH CHARACTER 'S'

7.WAQTD DNAME AND MGR NO FOR EMPLOYEES REPORTING TO 7839

8.WAQTD DNAME AND HIREDATE FOR EMPLOYEES HIRED AFTER 83 INTO ACCOUNTING OR RESEARCH DEPT

9.WAQTD ENAME AND DNAME OF THE EMPLOYEES WHO ARE GETTING COMM IN DEPT 10 OR 30

10.WAQTD DNAME AND EMPNO FOR ALL THE EMPLOYEES WHO'S EMPNO ARE (7839,7902) AND ARE WORKING IN LOC NEW YORK.

11.WAQTD LOC AND AVERAGE SALARY GIVEN FOR EACH LOCATION BY EXCLUDING ALL THE EMPLOYEES WHOS SECOND CHAR IS A IN THEIR NAME .

12.WAQTD NAME OF THE EMP AND HIS LOC IF EMPLOYEE IS WORKING AS MANAGER AND WORKING UNDER THE EMPLOYEE WHOS EMPNO IS 7839

13.WAQTD DNAME AND EMPLOYEE ID'S OF ALL THE EMPLOYEES WHO ARE CLERKS AND HAVING REPORTING MANAGERS.

14.WAQTD DNAME AND TOTAL SALARY GIVEN TO THAT DEPT IF THERE ARE ATLEAST 4 EMPLOYEES WORKING FOR EACH DEPT.

15.WAQTD DNAME AND NUMBER OF EMPLOYEES WORKING IN EACH DEPT ONLY IF THERE ARE MANAGER OR CLERKS

ON ALL JOINS:

1. LIST ENAME, JOB, ANNUAL SAL, DEPTNO, DNAME WHO EARN 30000 PER YEAR AND WHO ARE NOT CLERKS

2. LIST OUT THE ALL EMPLOYEES BY NAME AND EMPLOYEE NUMBER ALONG WITH THEIR MANAGER'S NAME AND EMPLOYEE NUMBER

3. DISPLAY ENAME,DNAME EVEN IF THERE NO EMPLOYEES WORKING IN A PARTICULAR DEPARTMENT.

4. DISPLAY THE DEPARTMENT NAME ALONG WITH TOTAL SALARY IN EACH DEPARTMENT

5. DISPLAY EMPLOYEE NAME AND DEPARTMENT NAME FOR EACH EMPLOYEE

6. DISPLAY LOCATION NAME OF THE EMPLOYEE WHO EARN COMMISSION.

7. DISPLAY DEPT NAME OF THE EMPLOYEE WHO EARN MIN SALARY AND HAVE NO REPORTING MANAGER.

8. DISPLAY DEPT NAME,LOC OF ALL THE EMPLOYEES WHO ARE REPORTING TO SMITH.

9. LIST ALL THE DEPT NAME AND LOCATION OF ALL THE SALESMAN MANAGER'S MANAGER.

10. LIST EMPLOYEES WHO ARE WORKING IN RESEARCH DEPT AND THEY ARE MANAGER.

11. DISPLAY THE NUMBER OF EMPLOYEES WHO ARE GETTING SALARY LESS THAN THE BLAKE'S MANAGER.

12. LIST THE EMPLOYEE DEPTNAME AND LOCATION OF ALL THE EMPLOYEES WHO ARE ANALYST,REPORTING TO BLAKE.

13. DISPLAY THE EMPLOYEE NAMES,HIREDATE,COMM OF FORD'S MANAGER

14. DISPLAY ENAME, DNAME OF ALL THE EMPLOYEES WHOSE SALARY LESS THAN AVG SAL OF DEPT 30

15. DISPLAY ENAME DNAME AND LOC OF ALL THE EMPLOYEES WHO ARE WORKING FOR JONES

16. DISPLAY ENAME DNAME OF ALL THE EMPLOYEES WHOSE NAME STARTS WITH 'S'

17. LIST THE DNAME WHO ARE NOT HAVING ANY EMPLOYEE IN IT

18. DISPLAY EMPLOYEE WHO ARE GETTING SAME COMMISSION

19. DISPLAY ALL THE DEPT NAMES IRRESPECTIVE OF ANY EMPLOYEE WORKING IN IT OR NOT. IF AN EMPLOYEE IS WORKING DISPLAY HIS NAME.

20. WRITE A QUERY TO DISPLAY EMPLOYEE NAME, JOB, DNAME, LOCATION OF ALL EMPLOYEES WHO ARE WORKING AS ACTUAL MANAGERS AND WORKS AT CHICAGO.

21. LIST THE DEPARTMENT NAMES IN WHICH THE EMPLOYEES ARE HIRED BETWEEN 1ST OF JAN 1981 AND 31ST DEC 1982 WITH SALARY MORE THAN 1800.

22. DISPLAY 2ND LEAST SALARY FROM EMPLOYEE TABLE.

23. LIST THE EMPLOYEES WHOSE ANNUAL SALARY IS GREATER THAN 1500 AND WHO ARE JOINED BEFORE 1982 ONLY.

24. DISPLAY DNAME, LOC, DEPTNO OF EMPLOYEES WHO HAS SAME REPORTING MANAGER

25. DISPLAY EMPLOYEE NAME ALONG WITH THEIR MANAGER NAME.

26. DISPLAY EMPLOYEE NAME AND HIS DEPT NAME FOR THE EMPLOYEES WHOSE NAME STARTS WITH 'S'.

27. DISPLAY EMPLOYEES WHO ARE GETTING SAME SALARY.