Assignment 3:

Perform the following queries using DUAL:

- Display the current DATE and TIME.

- Multiply 2 by 2 .

- Find the absolute value of -15

- Calculate the square root of 5.

- Round off 15.19 to one decimal point:

- Display the name " IVAN BAYROSS" in LOWERCASE.

- Display the name " IVAN BAYROSS" in UPPERCASE.

- Add 5 months to the present date and print the output.

- Display the number of months between '02-JAN-01' and '02-JUL-01'

- Print the system date in the particular format 'DD/MMIYYYY'

Create the following table and insert 10 rows in the table:
. EMP (EMPNO , ENAME, JOB, MGR, HIREDATE, SAL, COMM, DEPT _NAME)

- EMPNO must be between 7000 and 8000

- ENAME must not exceed 10 characters

- MGR is managers EMPNO

- COMM (commission) must be under 1500 and defaults to O. Only who works as salesman gets certain commission.

- DEPT _NAME is the name of the department in which the employees works.

Write necessary SQL queries for the following:

- List the names of employees whose names have " i " as the second character .

- List names of employees who are not managers.

- Find the total number of managers.

- Display the highest, lowest, Sum and average of all employees. Label the columns as "Maximum" "Minimum" "Total" and "Average".

- Modify-the above query to display the highest, lowest, sum and average salary for each job type.

- Determine the number of managers. Label the column "Number of managers"

- Find the employees who were hired after '01-jan-1980'

- Display the name of employee who earns maximum salary whose job is salesman
- Display the name of employee who earns minimum salary and whose job is clerk.
- List the flame of the employee whose salary is more than 'TURNER'
- Display the name of the department in which 'FORD' works.
- Display the name of the department whose salary is maximum.