# PRACTICAL - 6

**PROGRAM EXECUTION:**

**Queries to be performed:**

(1) List total deposit of customer having account date after 3-jan-96.

**Output:**

|  |
| --- |
|  |

(2) List total deposit of customers living in city Nagpur.

**Output:**

|  |
| --- |
| **SELECT SUM(D.AMOUNT) FROM DEPOSIT D ,CUSTOMERS C WHERE C.CITY='NAGPUR' AND C.CNAME=D.CNAME;** |

(3) List maximum deposit of customers living in Bombay.

**Output:**

|  |
| --- |
| SELECT MAX(D.AMOUNT) FROM DEPOSIT D,CUSTOMERS C WHERE C.CITY='BOMBAY' AND C.CNAME=D.CNAME; |

(4) Display the highest, lowest, sum, and average salary of all employees. Label the columns Maximum, Minimum, Sum, and Average, respectively. Round your results to the nearest whole number.

**Output:**

|  |
| --- |
| **SELECT MAX(EMP\_SAL) "MAXIMUM" ,MIN(EMP\_SAL) "MINIMUM",SUM(EMP\_SAL) "SUM", AVG(EMP\_SAL) "AVERAGE" FROM EMPLOYEE;** |

(5) Write a query that displays the difference between the highest and lowest salaries. Label the column DIFFERENCE.

**Output:**

|  |
| --- |
| SELECT MAX(EMP\_SAL)-MIN(EMP\_SAL) "DIFFERENCE" FROM EMPLOYEE; |

(6) Create a query that will display the total number of employees and, of that total, the number of employees hired in 1995, 1996, 1997, and 1998.

**Output:**

|  |
| --- |
| **SELECT COUNT(EMP\_NO) FROM EMPLOYEE;** |

(7) Find the average salaries for each department without displaying the respective department numbers.

**Output:**

|  |
| --- |
| **SELECT AVG(EMP\_SAL) FROM EMPLOYEE GROUP BY DEPT\_NO;** |

(8) Write a query to display the total salary being paid to each job title, within each department.

**Output:**

|  |
| --- |
| SELECT DEPT\_NO,SUM(EMP\_SAL) FROM EMPLOYEE GROUP BY DEPT\_NO; |

(9) Find the average salaries > 2000 for each department without displaying the respective department numbers.

**Output:**

|  |
| --- |
| SELECT AVG(EMP\_SAL) FROM EMPLOYEE GROUP BY DEPT\_NO HAVING AVG(EMP\_SAL) > 2000; |

(10) Display the job and total salary for each job with a total salary amount exceeding 3000, in which excludes president and sorts the list by the total salary.

|  |
| --- |
| Output:  SELECT DEPT\_NO,SUM(EMP\_SAL) FROM EMPLOYEE GROUP BY DEPT\_NO HAVING SUM(EMP\_SAL) > 3000 ORDER BY SUM(EMP\_SAL); |

(11) List the branches having sum of deposit more than 5000 and located in city Bombay.

**Output:**

|  |
| --- |
| **SELECT D.BNAME FROM DEPOSIT D , BRANCH B WHERE D.BNAME = B.CNAME AND B.CITY='BOMBAY' GROUP BY D.BNAME HAVING SUM(D.AMOUNT) > 5000;** |