*QUERY 1*

*\ TABLE:EMPLOYEE*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *EID* | *NAME* | *DEPTID* | *QUALIFICATION* | *SEX* |
| *1.* | *Deepti* | *101* | *MCA* | *F* |
| *2.* | *Rajat Tyagi* | *101* | *BCA* | *M* |
| *3.* | *Hari Mohan* | *102* | *B.A* | *M* |
| *4.* | *Harry* | *102* | *M.A* | *M* |
| *5.* | *Sumit Mittal* | *103* | *B.Tech* | *M* |
| *6.* | *Jyoti* | *101* | *M.Tech* | *F* |

*TABLE:SALARY*

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *EID* | *BASIC* | *DA* | *HRA* | *BONUS* |
| *1.* | *6000* | *2000* | *2300* | *200* |
| *2.* | *2000* | *300* | *300* | *30* |
| *3.* | *1000* | *300* | *300* | *40* |
| *4.* | *1500* | *390* | *490* | *30* |
| *5.* | *8000* | *900* | *900* | *80* |
| *6.* | *10000* | *300* | *490* | *89* |

*1.To display no. of employees department wise.*

*SQL COMMANDS: Select dept, count (\*) from Emp group by dept;*

*2.To list the names of those employees only whose name starts with ‘H’*

*SQL COMMANDS:Select name from Emp where namelike “H”;*

*3.To add a new column in salary table. The column name is total\_ sal.*

*SOL COMMANDS: Alter table salary add total salary int (5);*

*4.To store corresponding values in total\_ sal column.*

*SQL COMMANDS:Alter table salary modify total salary int (5);*

*5.SELECT MAX (Basic) FROM Salary WHERE Bonus>40;*

*SQL QUERIS: 10000*

*6.SELECT COUNT ( \*)FROM Employee GROUP BY Sex;*

*SQL QUERIS: 2 4*

*7.SELECT Name FROM Employee WHERE Eid =(SELECT Eid FROM Salary WHERE Basic =(SELECT MAX (Basic) FROM Salary));*

*SQL QUERIS: JYOTI*

*8.SELECT DISTINCT Deptid FROM Employee;*

*SQL QUERIS: 3 2 1*