**SQL.**

**3. SQL query to rename the column name ?**

SQL> select \* from empployee;

EMPNO ENAME DOJ JOB SALARY COMM MGRID DEPTNO

---------- ------- --------- --------- ---------- ---------- ---------- ----------

111 Sugu 09-SEP-09 MD 40000 51 11 2

112 Thiru 11-MAY-19 Manager 25000 12 1

113 Naveen 22-AUG-11 Sales Man 11000 11 2

114 Kalidas 24-MAR-15 Clerk 20000 12 2

115 Kumar 05-JUN-22 Sales Man 8000 11 2

Answer:

**Query:**

**alter table empployee rename column job to work;**

SQL> select \* from empployee;

EMPNO ENAME DOJ WORK SALARY COMM MGRID DEPTNO

---------- ------- --------- --------- ---------- ---------- ---------- ----------

111 Sugu 09-SEP-09 MD 40000 51 11

112 Thiru 11-MAY-19 Manager 25000 12 1

113 Naveen 22-AUG-11 Sales Man 11000 11 2

114 Kalidas 24-MAR-15 Clerk 20000 12 2

115 Kumar 05-JUN-22 Sales Man 8000 11 2

**9.What is query to display first 5 records from Employee table ?**

SQL> select \* from empployee;

EMPNO ENAME DOJ WORK SALARY COMM MGRID DEPTNO

---------- ------- --------- --------- ---------- ---------- ---------- ----------

111 Sugu 09-SEP-09 MD 40000 51 11 2

112 Thiru 11-MAY-19 Manager 25000 12 1

113 Naveen 22-AUG-11 Sales Man 11000 11 2

114 Kalidas 24-MAR-15 Clerk 20000 12 2

115 Kumar 05-JUN-22 Sales Man 8000 11 2

116 vivek 26-SEP-02 Associate 30000 51 11 1

117 siva 28-JUL-04 Trainee 5000 52 12 1

118 Tarun 21-NOV-08 Analyst 50000 52 12 2

119 Raja 12-DEC-12 Accountant 26000 51 11 1

120 Kiran 29-NOV-16 Junior 34000 1

Answer:

**Query:**

**SQL> select \* from empployee where rownum <=5 order by empno;**

EMPNO ENAME DOJ JOB SALARY COMM MGRID DEPTNO

---------- ------- --------- --------- ---------- ---------- ---------- ----------

111 Sugu 09-SEP-09 MD 40000 51 11 2

112 Thiru 11-MAY-19 Manager 25000 12 1

113 Naveen 22-AUG-11 Sales Man 11000 11 2

114 Kalidas 24-MAR-15 Clerk 20000 12 2

115 Kumar 05-JUN-22 Sales Man 8000 11 2

**7.Print max salary from each dept.**

SQL> select \* from empployee;

EMPNO ENAME DOJ WORK SALARY COMM MGRID DEPTNO

---------- ------- --------- --------- ---------- ---------- ---------- ----------

111 Sugu 09-SEP-09 MD 40000 51 11 2

112 Thiru 11-MAY-19 Manager 25000 12 1

113 Naveen 22-AUG-11 Sales Man 11000 11 2

114 Kalidas 24-MAR-15 Clerk 20000 12 2

115 Kumar 05-JUN-22 Sales Man 8000 11 2

116 vivek 26-SEP-02 Associate 30000 51 11 1

117 siva 28-JUL-04 Trainee 5000 52 12 1

118 Tarun 21-NOV-08 Analyst 50000 52 12 2

119 Raja 12-DEC-12 Accountant 26000 51 11 1

120 Kiran 29-NOV-16 Junior 34000 1

Answer:

**Query**

**select deptno,max(salary)from empployee group by deptno;**

DEPTNO MAX(SALARY)

---------- -----------

1 34000

2 50000

JAVA

**72. Find length, concatenate and replace string .**

**public** **class** Lcr {

**public** **static** **void** main(String[] args) {

String str = **new** String("happy");

System.*out*.println("The length of string is : "+str.length());//to find string length

String s2 = " sad " ;

System.*out*.println(str.concat(s2));//two are strings are concatenated

System.*out*.print(str.replaceAll("happy", "loofah")); //String replaced

}

}

**Output :**

The length of string is : 5

happy sad

loofah

**5.Method Overriding.**

**abstract** **class** point {

String boss = "kraft";

**abstract** **void** meth();

String myp(){

**return** boss;

}

}

**class** portal **extends** point{

**void** meth(){

System.*out*.println("overriding is done here.");

}

}

**class** kitten {

**public** **static** **void** main (String args[]){

portal p=**new** portal();

p.meth();

System.*out*.print("my name is "+p.myp());

}

}

**Output :**

overriding is done here.

my name is kraft

**11.Pattern**

**public** **class** StarPattern {

**public** **static** **void** main(String[] args) {

**int** n=5; //number of rows

**int** i,j; //rows= i & columns= j

**for**(i=1;i<=n;i++){

**for**(j=1;j<=i;j++){

System.*out*.print("\* ");

}

System.*out*.println();

}

}

}

**Output:**

\*

\* \*

\* \* \*

\* \* \* \*

\* \* \* \* \*