JAVA

1. How do we reverse a string?

import java.util.\*;

public class StringReverse {

static void Rev(String d){

String e="";

char[]f=d.toCharArray();

for(int i=f.length-1;i>=0;i--){

e=e+f[i];

}

System.out.println(e);

}

public static void main(String[] args) {

Scanner S=new Scanner(System.in);

String s=S.next();

Rev(s);

}

}

2. Write a Program to remove duplicates in an ArrayList.

import java.util.\*;

public class ArraylistDuplicate {

public static void main(String[] args) {

ArrayList<String>list=new ArrayList<String>();

list.add("Yellow");

list.add("Orange");

list.add("Red");

list.add("Yellow");

list.add("Black");

list.add("Red");

System.out.println("ArrayList with Duplicate values = "+list);

Set<String>temp=new HashSet<String>(list);

list.clear();

list.addAll(temp);

System.out.println("ArrayList without Duplicate values = "+list);

}

}

3. Write a Java Program to print the below output: \* 1 \* 12 \* 123 \* 1234 \* 12345 \* 123456 \* 1234567

public class Custom1234 {

public static void main(String[] args) {

String s="";

for(int i=1;i<=7;i++){

s=s+"\*";

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

s=s+j;

}

}

System.out.println(s);

}

}

**SQL**

Creating Table Employee

create table Employee(

empno number(3),

ename varchar2(9),

job varchar2(9),

salary number(7,2),

deptno number(2));

INSERT into Employee VALUES(01,'Arun','Manager',20000,11);

INSERT into Employee VALUES(02,'Robert','MD',50000,null);

INSERT into Employee VALUES(03,'Vijay','Sales',10000,13);

INSERT into Employee VALUES(04,'Sai','Clerk',18000,12);

INSERT into Employee VALUES(05,'Kumar','Sales',8000,13);

INSERT into Employee VALUES(06,'Sathish','Manager',20000,11);

INSERT into Employee VALUES(07,'Raj','Sales',12000,13);

INSERT into Employee VALUES(08,'Gokul','Sales',10000,13);

1. Write a SQL query to Rename the column name.

ALTER TABLE Employee RENAME COLUMN job TO role;

2. Print max salary for a particular department

SELECT MAX(salary) FROM Employee WHERE role='Sales';

3. "What is Query to display last 5 Records from Employee table?"

SELECT \* FROM (SELECT \* FROM empl ORDER BY empno DESC )

WHERE ROWNUM<=5 ORDER by ROWNUM DESC;