**Assignment NO:14**

Any application defining scope of Formal parameter, Global parameter, Local parameter accessing mechanism and also relevance to private, public and protected access. Write a Java program which demonstrates the scope rules of the programming mechanism .

**Code :**

import java.util.\*; class employee

{

public String e\_name; protected int e\_id; String e\_add; double salary; employee()

{

e\_name = "abc"; e\_id = 0; e\_add = "xyz"; salary = 0;

}

}

class Company extends employee

{

private long ph\_no;

Void get()

{

Scanner in = new

Scanner(System.in); System.out.println("ID : "); e\_id = in.nextInt(); System.out.println("NAME : "); e\_name = in.next(); System.out.println("ADDRESS : "); e\_add = in.next(); System.out.println("SALARY : "); salary = in.nextDouble(); System.out.println("PHONE NO. : "); ph\_no = in.nextLong();

}

void put()

{

System.out.println("ID : " + this.e\_id);

System.out.println("NAME : " + this.e\_name);

System.out.println("ADDRESS : " + e\_add);

System.out.println("SALARY : " + salary);

System.out.println("PHONE NO. : " + ph\_no);

}

public static void main(String args[])

{

Int n ;

Scanner a = new Scanner(System.in); System.out.println("Enter number of objs : "); n = a.nextInt();

Company c[] = new Company[n];

for(int i = 0 ; i<n ; i++)

{

c[i] = new

Company(); c[i].get(); c[i].put();

}

}

}

**Output :**

java -cp

/tmp/qRHWIycZug Company

Enter number of objs : 2

ID :

33

NAME :

Joy ADDRESS :

err

SALARY :

5678

PHONE NO. :

7890

ID : 33

NAME : Joy

ADDRESS : errSALARY : 5678.0