Name: RAJKUMAR B L

Reg.No : 2047120

Java - Labtest 01 (MCS 171)

1. Person class

```
~~public~~ class Person {
String name; int age; string address;
//parameteriyed constructor
  public Person (string n, int a, string addr)
  {
     initalize variables
  }
  //copy cons
   public Person (Person p)
   {
     this.name = p.name; this.age = p.age; this.address =p.address;
   }
  Public Void read()
   {
     Scanner inp = new Scanner (sys.in);
     //read all data and store accordingly
   }
   Public ~~display~~show()
    { // display data name, age & address
    }
```

~~Public~~ class Employee {

int empId;
String CompName;
String department;
String designation;

Public Employee { super(); }

Public void read { //read all user data using Scanner super.read
//read for current data mem }

Public void display { // display all read information of super.show() Person which is parent class

// display all read information from employee class }

public void empIdgenrator { this is used to randomly generate employee idea using Java math.random }
}

~~Public~~ class EmployeeSalary {

double Basic, DA, HRA, PF, IT;

~~double~~ Public void read () { read the super class using super.read() + then read ~~for~~ user Input for current data members }

Public double Netsalary { Calculate the net salary according to the formula given in question + return the calculated double value

}

```
class Employee Demo {

  Static
      {
          Print a welcome note
      }

  public static void main (String args[])
  {
     get info from user ~~for~~ how many employees
     to be added to the company
     ↳ store it in int no of Emp;
     Create Arraylist <EmployeSalary> emplist
     which stores "noofEmp" number of employees
     records. .
     Do a for loop to creat new objects
     for (k=0; k < noofEmp; k++)
       {
           empl.List.add (New Employesalary ());
           so on
       }
     Now salculate highest & lowest $\overset{emp}{net}$ salaries
     store the Ids of those emp in two separate
     arraylist as two or more employees can
     have the same net salary. So we use arraylist
     here.
     Now from the array list call the display
     method for both high net employee & low
     net employees
  }
```