/\* Write a program to accept 5 employee IDs and the corresponding

names and their salaries from the user and store them in three

arrays.Pass these arrays to a function display() as arguments.

This display() will display the content of the arrays in the

following format. \*/

import java.util.\*;

public class Main{

  public void display(int id[], String names[], double salaries[]){

    System.out.println("ID    Name    Salary");

    for(int i = 0; i < id.length; i++){

      System.out.println(id[i] + "    " + names[i] + "    " + salaries[i]);

    }

  }

  public void display(int id[], String names[]){

    System.out.println("ID     Name");

    for(int i = 0; i < id.length; i++){

      System.out.println(id[i] + "    " + names[i]);

    }

  }

  public void display(String searchName, int id[], String names[], double salaries[]){

    for(int i = 0; i < id.length; i++){

      if(names[i].equals(searchName)) {

        System.out.println("ID    Name    Salary");

        System.out.println(id[i] + "    " + names[i] + "    " + salaries[i]);

      }

    }

  }

  public static void main(String args[]){

      int id[] = new int[5];

      String names[] = new String[5];

      double salaries[] = new double[5];

      String searchName = "";

      Scanner sc = new Scanner(System.in);

      for(int i = 0; i<= 4; i++){

        System.out.println("Enter the ID, Name and Salary for " + (i+1) + " employee");

        id[i] = sc.nextInt();

        names[i] = sc.next();

        salaries[i] = sc.nextDouble();

      }

      Main m1 = new Main();

      m1.display(id, names, salaries);

      m1.display(id, names);

      System.out.println(" Enter the employee name to be searched");

      searchName = sc.next();

      m1.display(searchName, id, names, salaries);

  }

}