QUE.1:-

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Assignment4

{

class Program

{

static void Main(string[] args)

{

Employee[] emp = new Employee[5];

Employee e1 = new Employee("datta", 10, 3000);

Employee e2 = new Employee("vijay", 10, 2000);

Employee e3 = new Employee("raj", 10, 4000);

Employee e4 = new Employee("datta", 10, 7000);

Employee e5 = new Employee("virat", 10, 8000);

emp[0] = e1;

emp[1] = e2;

emp[2] = e3;

emp[3] = e4;

emp[4] = e5;

for (int i = 0; i < 5; i++) {

Console.WriteLine(emp[i].Empname);

Console.WriteLine(emp[i].salary);

Console.WriteLine(emp[i].empNo);

Console.WriteLine(emp[i].deptNo);

}

for (int j = 0; j < 5; j++)

{

for (int K = 0; K < 5; K++)

{

if (emp[j].salary < emp[K].salary)

{

Employee temp;

temp = emp[K];

emp[j] = temp;

emp[K] = emp[j];

}

}

}

for(int i = 0; i < 5; i++)

{

Console.WriteLine(emp[i].Empname);

Console.WriteLine(emp[i].salary);

Console.WriteLine(emp[i].empNo);

Console.WriteLine(emp[i].deptNo);

}

}

}

public class Employee

{

public string Empname;

public int empNo;

public short deptNo;

public int salary;

static int id = 0;

public int Empno

{

get

{

return empNo;

}

}

public Employee(string Empname,short deptNo,int salary)

{

id++;

this.empNo= id;

this.Empname = Empname;

this.deptNo = deptNo;

this.salary = salary;

}

}

}

Q

Que2-:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace ConsoleApp1

{

class Program

{

static void Main(string[] args)

{

Student[] obj = new Student[5];

Student s1 = new Student("raj", 1, 200);

Student s2 = new Student("rajvir", 1, 300);

Student s3 = new Student("ram", 1, 400);

Student s4 = new Student("raj", 1, 200);

Student s5 = new Student("rakl", 1, 500);

obj[0] = s1;

obj[1] = s2;

obj[2] = s3;

obj[3] = s4;

obj[4] = s5;

for (int i = 0; i < 5; i++)

{

Console.WriteLine(obj[i].Name);

Console.WriteLine(obj[i].Rollno);

Console.WriteLine(obj[i].Marks);

}

}

}

public struct Student

{

public string name;

public int rollno;

public decimal marks;

public Student(string name,int rollno,decimal marks)

{

this.name = name;

this.rollno = rollno;

this.marks = marks;

}

public string Name

{

get

{

return name;

}

set

{

name = value;

}

}

public int Rollno

{

get

{

return rollno;

}

set

{

rollno = value;

}

}

public decimal Marks

{

get

{

return marks;

}

set

{

marks = value;

}

}

}

}

Que-3:

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace array2

{

class Program

{

static void Main(string[] args)

{

Console.WriteLine("Enter no of batches");

int n = Convert.ToInt32(Console.ReadLine());

int[][][] arr = new int[n][][];

for (int i = 0; i < arr.Length; i++)

{

Console.WriteLine("Enter the Number of students for this batch");

int n2 = Convert.ToInt32(Console.ReadLine());

arr[i] = new int[n2][];

for (int j = 0; j < n2; j++)

{

arr[i][j] = new int[3];

Console.WriteLine("Enter the Marks");

for (int k = 0; k < 3; k++)

{

arr[i][j][k] = Convert.ToInt32(Console.ReadLine());

}

}

}

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

{

for (int j = 0; j < 3; j++)

{

for (int k = 0; k < 3; k++)

{

Console.WriteLine(arr[i][j][k]);

}

Console.WriteLine();

}

Console.WriteLine();

Console.ReadLine();

}

}

}

}