**C# HANDSON 2**

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**BATCH – IBM .NET**

**Q) Write a program to take 5 student rollno, and their respective name and 5 subjects marks of each student using array. After collecting every student details.**

**pass percentage 60**

**if the student is pass in all subject**

**grade 90> 100 Excellent**

**80>90 good**

**70 > 80 fair**

**60> 70 Need to improve**

**CODE ->**

1. **Student.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace StudentMarksheet

{

public class Student

{

public int rollno, mark1, mark2, mark3, mark4, mark5, total, per;

public string name, grade;

public void getStudentDetail()

{

Console.WriteLine("Enter the rollno of the student: ");

rollno = int.Parse(Console.ReadLine());

Console.WriteLine("Enter the name of the student: ");

name = Console.ReadLine();

Console.WriteLine("Enter the mark1 of the student: ");

mark1 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter the mark2 of the student: ");

mark2 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter the mark3 of the student: ");

mark3 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter the mark4 of the student: ");

mark4 = int.Parse(Console.ReadLine());

Console.WriteLine("Enter the mark5 of the student: ");

mark5 = int.Parse(Console.ReadLine());

Console.WriteLine("\n");

}

public void printStudentDetail()

{

total = mark1 + mark2 + mark3 + mark4 + mark5;

per = total / 5;

Console.WriteLine("Student roll number: "+rollno);

Console.WriteLine("Student name: "+name);

Console.WriteLine("Mark 1 of student: "+mark1);

Console.WriteLine("Mark 2 of student: " +mark2);

Console.WriteLine("Mark 3 of student: " + mark3);

Console.WriteLine("Mark 4 of student: " + mark4);

Console.WriteLine("Mark 5 of student: " + mark5);

if(per>=90 && per<=100)

{

grade = "Excellent";

Console.WriteLine("Grade: "+grade);

}

else if (per>=80 && per<90)

{

grade = "Good";

Console.WriteLine("Grade: " + grade);

}

else if (per>=70 && per<80)

{

grade = "Fair";

Console.WriteLine("Grade: " + grade);

}

else

{

grade = "Need to improve";

Console.WriteLine("Grade: " + grade);

}

}

}

}

1. **Program.cs**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace StudentMarksheet

{

internal class Program

{

static void Main(string[] args)

{

Student[] students = new Student[5];

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

{

students[i] = new Student();

}

Console.WriteLine($"Enter the {students.Length} students details: ");

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

{

students[i].getStudentDetail();

}

Console.WriteLine($"Print the {students.Length} students details: ");

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

{

students[i].printStudentDetail();

}

Console.ReadLine();

}

}

}

**OUTPUT ->**







