﻿using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

using System.Threading.Tasks;

namespace Assignment1

{

class StudentResult

{

int[] cSharp;

int[] html;

int[] sql;

public StudentResult(int num)

{

cSharp = new int[num];

html = new int[num];

sql = new int[num];

}

public void acceptMarks(int num)

{

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

{

Console.WriteLine("Enter CSharp marks of student {0}",i+1);

cSharp[i] = int.Parse(Console.ReadLine());

Console.WriteLine("Enter HTML marks of student {0}", i + 1);

html[i] = int.Parse(Console.ReadLine());

Console.WriteLine("Enter SQL marks of student {0}", i + 1);

sql[i] = int.Parse(Console.ReadLine());

Console.WriteLine("---------------------------------");

}

}

public void displayResult(int num)

{

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

{

int total = cSharp[i] + html[i] + sql[i];

int avg = total / 3;

if (avg > 50)

{

Console.WriteLine("Student {0} Total Marks: {1} Avg. Marks: {2} Result: Pass", i + 1, total, avg);

}

else

{

Console.WriteLine("Student {0} Total Marks: {1} Avg. Marks: {2} Result: Fail", i + 1, total, avg);

}

}

}

public static void Main(String[] args)

{

int num;

Console.WriteLine("Enter number of students: ");

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

StudentResult sr = new StudentResult(num);

sr.acceptMarks(num);

sr.displayResult(num);

Console.WriteLine("-------------------------------------------------------");

Console.WriteLine("Press any key to exit");

Console.ReadKey();

}

}

}