using System;

namespace Assignment1

{

class Program

{

static DateTime thisDate = DateTime.Now;

static void Main(string[] args)

{

//formatting background and forground

Console.ForegroundColor = ConsoleColor.DarkMagenta;

Console.BackgroundColor = ConsoleColor.Gray;

Console.Clear();

Console.WriteLine("<===========The final Result of the student======================>");

string studentName,studentId;

Console.WriteLine("Enter your Name ");

studentName = Console.ReadLine();

Console.WriteLine("Enter your Student Id ");

studentId = Console.ReadLine();

Console.WriteLine("<=================================================================>");

double as1, as2, as3, as4, as5, as\_total;

double t1, t2, t3 ,test\_total;

Console.WriteLine("Enter your 5 assignment marks out of 100\n");

Console.WriteLine("Assignment 1 ");

as1 =double.Parse(Console.ReadLine());

Console.WriteLine("Assignment 2 ");

as2 = double.Parse(Console.ReadLine());

Console.WriteLine("Assignment 3 ");

as3 = double.Parse(Console.ReadLine());

Console.WriteLine("Assignment 4 ");

as4 = double.Parse(Console.ReadLine());

Console.WriteLine("Assignment 5 ");

as5 = double.Parse(Console.ReadLine());

as\_total = as1 \* 0.05 + as2 \* 0.05 + as3 \* 0.05 + as4 \* 0.05 + as5 \* 0.05;

Console.WriteLine("the total marks of 5 assignments are {0}", as\_total);

Console.WriteLine("<====================================================================>");

Console.WriteLine("Enter your marks of three tests out of 100");

Console.WriteLine("Test1 ");

t1 = double.Parse(Console.ReadLine());

Console.WriteLine("Test 2 ");

t2 = double.Parse(Console.ReadLine());

Console.WriteLine("Test3 ");

t3 = double.Parse(Console.ReadLine());

test\_total = t1 \* 0.25 + t2 \* 0.25 + t3 \* 0.25;

Console.WriteLine(" the total marks of 3 tests are {0}", test\_total);

Console.WriteLine("<===================================================================>");

double course\_total;

course\_total = as\_total + test\_total;

Console.WriteLine("your course\_total is {0}", course\_total);

Console.WriteLine("\n");

string grade, gpa;

if (course\_total <= 100.00 && course\_total > 94)

{

grade = "A+";gpa = "4.0";

Console.WriteLine("you get {0} grade and {1} GPA",grade,gpa);

}

else if(course\_total <= 93.99 && course\_total >= 87)

{

grade = "A"; gpa = "3.7";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 86.99 && course\_total >= 80)

{

grade = "A-"; gpa = "3.5";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 79.99 && course\_total >= 77)

{

grade = "B+"; gpa = "3.2";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 76.99 && course\_total >= 73)

{

grade = "B"; gpa = "3.0";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 72.99 && course\_total >= 70)

{

grade = "B-"; gpa = "2.7";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 69.99 && course\_total >= 67)

{

grade = "C+"; gpa = "2.3";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 66.99 && course\_total >= 63)

{

grade = "C"; gpa = "2.0";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 62.99 && course\_total >= 60)

{

grade = "C-"; gpa = "1.7";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else if (course\_total <= 59.99 && course\_total >= 50)

{

grade = "D"; gpa = "1.0";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa); ; ;

}

else if (course\_total <= 49.99 && course\_total >= 0)

{

grade = "F"; gpa = "0.0";

Console.WriteLine("you get {0} grade and {1} GPA", grade, gpa);

}

else

{

Console.WriteLine("Invalid output");

}

Console.WriteLine("<===================================================================>");

Console.WriteLine("the total fees paid for the semester is {0:c} ", 1020);

Console.WriteLine("The current date,day and time is {0:f}", thisDate);

Console.ReadKey();

}

}

}

