รูปภาพประกอบด้วย ข้อความ, ภาพหน้าจอ, ซอฟต์แวร์, ซอฟต์แวร์มัลติมีเดีย

คำอธิบายที่สร้างโดยอัตโนมัติ

//thiwagorn 66040249144

using System;

namespace BMICalculator

{

class Program

{

static void Main(string[] args)

{

while (true)

{

Console.Clear();

headProgram("");

//input รับข้อมูล น้ำหนักส่วนสูง

double weight = 0.0;

double height = 0.0;

Console.WriteLine("Input your weight (kg) : ");

weight = Convert.ToDouble(Console.ReadLine());

Console.Write("Input your height (cm) : ");

height = Convert.ToDouble(Console.ReadLine());

line("-", 40);

bmi(weight, height);

line("-", 40);

Console.WriteLine("Do you want to Calcltate BMI. agian ? (y/n) : ");

string answer = Console.ReadLine().ToLower();

if (answer != "y")

{

break;

}

}

line("-", 40);

Console.WriteLine("Thank you");

}

static void line(string letter, int width)

{

string str = "";

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

{

str += letter;

}

Console.WriteLine(str);

}

static void headProgram(string programerName)

{

WriteLineColor("Develop by thiwagorn " + programerName, ConsoleColor.Red, ConsoleColor.Black);

WriteLineColor("Udonthani Rajabhat University", ConsoleColor.DarkBlue, ConsoleColor.Black);

line("-", 40);

WriteLineColor("Please input you information", ConsoleColor.DarkYellow, ConsoleColor.Black);

}

static void WriteLineColor(string text, ConsoleColor fg, ConsoleColor bg)

{

Console.ForegroundColor = fg;

Console.BackgroundColor = bg;

Console.WriteLine(text);

Console.ForegroundColor = ConsoleColor.White;

Console.BackgroundColor = ConsoleColor.Black;

}

static void bmi(double weight, double height)

{

//process ประมวลผล

double bmi = weight / Math.Pow(height / 100, 2);

string result = "";

if (bmi < 18.5)

{

result = "Underweight";

}

else if (bmi < 25.0)

{

result = "Normal weight";

}

else if (bmi < 30)

{

result = "Overweight";

}

else

{

result = "Obesity";

}

lable3.text ="Your Body mass index (BMI) is " + bmi.ToString("0.00"));

lable4.text = "From your body mass index, you are " + result);

}

}

}