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Звіт лабораторної роботи № 10  
з дисципліни “Технологія програмування захищених систем ”

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using System;

using System.Collections.Generic;

using System.Linq;

using System.Text;

namespace lab\_10\_enum

{

class Diet

{

static int Calories = 0;

enum Food

{

Fries = 250,

Meat = 400,

Veges = 100,

Fruits = 80,

Tea = 50,

Coffee = 140

}

public static void Choise(int number)

{

switch(number)

{

case 1:

Console.WriteLine("You've eaten fries (250 ccal)");

Calories += (int)Food.Fries;

Console.WriteLine("Overall consuption: " + Calories);

break;

case 2:

Console.WriteLine("You've eaten meat (400 ccal)");

Calories += (int)Food.Meat;

Console.WriteLine("Overall consuption: " + Calories);

break;

case 3:

Console.WriteLine("You've eaten vegetables (100 ccal)");

Calories += (int)Food.Veges;

Console.WriteLine("Overall consuption: " + Calories);

break;

case 4:

Console.WriteLine("You've eaten fruits (80 ccal)");

Calories += (int)Food.Fruits;

Console.WriteLine("Overall consuption: " + Calories);

break;

case 5:

Console.WriteLine("You've drunk tea (50 ccal)");

Calories += (int)Food.Tea;

Console.WriteLine("Overall consuption: " + Calories);

break;

case 6:

Console.WriteLine("You've drunk coffee (140 ccal)");

Calories += (int)Food.Coffee;

Console.WriteLine("Overall consuption: " + Calories);

break;

}

}

}

class Program

{

static void Main(string[] args)

{

Console.Write("You can eat: \n1-Fries: 250 ccal \n2-Meat: 400 ccal \n3-Vegetables: 100 ccal \n4-Fruits: 80 ccal \nYou can also drink: \n5-Tea: 50 ccal \n6-Coffee: 140 ccal \n\nWhat do you want to start with? Choice: ");

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

Diet.Choise(choice);

while (true)

{

Console.Write("Do you want to eat something else? (yes/no) ");

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

if (answer == "lf" || answer == "да" || answer == "yes" || answer == "нуі" || answer == "нуы")

{

Console.Write("What do you want to have next? Choice: ");

choice = Convert.ToInt32(Console.ReadLine());

Diet.Choise(choice);

}

else if (answer == "ytn" || answer == "нет" || answer == "no"|| answer == "тщ")

{

Console.Write("Press any button to exit...");

Console.ReadKey();

break;

}

else

Console.WriteLine("We can't understand it. Try again)");

}

}

}

}

   