

بسم الله الرحمن الرحيم

آموزشگاه تحلیل داده

تخصصی ترین مرکز برنامه نویسی و دیتابیس در ایران

درخواست مقادیر تاریخ و زمان

مدرس : مهندس افشین رفوآ

درخواست مقادیر تاریخ و زمان

1. به منظور درج تاریخ و مقدار جدید، برنامه را به صورت زیر اصلاح کنید.

```
using System;
public class OrderProcessing
{
    public static int Main()
    {
        // Price of items
        const double PriceOneShirt = 0.95;
        const double PriceAPairOfPants = 2.95;
        const double PriceOneDress = 4.55;
        const double TaxRate = 0.0575; // 5.75%
        // Basic information about an order
        string customerName, homePhone;
        DateTime orderDate;
        // Unsigned numbers to represent cleaning items
        uint numberOfShirts, numberOfPants, numberOfDresses;
        // Each of these sub totals will be used for
        cleaning items
        double subTotalShirts, subTotalPants, subTotalDresses;
        // Values used to process an order
        double totalOrder, taxAmount, salesTotal;
        double amountTended, moneyChange;
        Console.Title = "Georgetown Dry Cleaning Services";
        Console.WriteLine("-/- Georgetown Dry Cleaning Services
        -/-");
        // Request order information from the user
        Console.Write("Enter Customer Name: ");
        customerName = Console.ReadLine();
        Console.Write("Enter Customer Phone: ");
        homePhone = Console.ReadLine();
        Console.WriteLine("Enter the order date and " +
            "time (mm/dd/yyyyhh:mm AM/PM)");
        orderDate = DateTime.Parse(Console.ReadLine());
        // Request the quantity of each category of
        items
        Console.Write("Number of Shirts: ");
        string strShirts = Console.ReadLine();
        numberOfShirts = uint.Parse(strShirts);
        Console.Write("Number of Pants: ");
        string strPants = Console.ReadLine();
        numberOfPants = uint.Parse(strPants);
        Console.Write("Number of Dresses: ");
        string strDresses = Console.ReadLine();
```

```

numberOfDresses = uint.Parse(strDresses);
    // Perform the necessary calculations
subTotalShirts = numberOfShirts * PriceOneShirt;
subTotalPants = numberOfPants * PriceAPairOfPants;
subTotalDresses = numberOfDresses * PriceOneDress;
    // Calculate the "temporary" total of the order
totalOrder = subTotalShirts +
subTotalPants +
subTotalDresses;
    // Calculate the tax amount using a constant
rate
taxAmount = totalOrder * TaxRate;
    // Add the tax amount to the total order
salesTotal = totalOrder + taxAmount;
    // Communicate the total to the user...
Console.WriteLine("\nThe Total order is: ");
Console.WriteLine(salesTotal);
    // and request money for the order
Console.WriteLine("Amount Tended? ");
amountTended = double.Parse(Console.ReadLine());

    // Calculate the difference owed to the customer
    // or that the customer still owes to the store
moneyChange = amountTended - salesTotal;
Console.Clear();
    // Display the receipt

Console.WriteLine("=====");
Console.WriteLine("-/- Georgetown Dry Cleaning Services
-/-");

Console.WriteLine("=====");
Console.WriteLine("Customer:  ");
Console.WriteLine(customerName);
Console.WriteLine("Home Phone:  ");
Console.WriteLine(homePhone);
Console.WriteLine("Date & Time:  ");
Console.WriteLine(orderDate);
Console.WriteLine("-----
");
Console.WriteLine("Item Type Qty Unit/Price Sub-
Total");
Console.WriteLine("-----
");
Console.WriteLine("Shirts  ");
Console.WriteLine(numberOfShirts);
Console.WriteLine(" ");

```

```

Console.WriteLine(PriceOneShirt);
Console.WriteLine(" ");
Console.WriteLine(subTotalShirts);
Console.WriteLine("Pants ");
Console.WriteLine(numberOfPants);
Console.WriteLine(" ");
Console.WriteLine(PriceAPairOfPants);
Console.WriteLine(" ");
Console.WriteLine(subTotalPants);
Console.WriteLine("Dresses ");
Console.WriteLine(numberOfDresses);
Console.WriteLine(" ");
Console.WriteLine(PriceOneDress);
Console.WriteLine(" ");
Console.WriteLine(subTotalDresses);
Console.WriteLine("-----");
");

Console.WriteLine("Total Order: ");
Console.WriteLine(totalOrder);
Console.WriteLine("Tax Rate: ");
Console.WriteLine(TaxRate * 100);
Console.WriteLine('%');
Console.WriteLine("Tax Amount: ");
Console.WriteLine(taxAmount);
Console.WriteLine("Net Price: ");
Console.WriteLine(salesTotal);
Console.WriteLine("-----");

");

Console.WriteLine("Amount Tended: ");
Console.WriteLine(amountTended);
Console.WriteLine("Difference: ");
Console.WriteLine(moneyChange);

Console.WriteLine("=====");
System.Console.ReadKey();
return 0;
}
}

```

2. حال برنامه را اجرا کنید . نتیجه ی زیر به دست می آید.

```

-/- Georgetown Dry Cleaning Services -/-
Enter Customer Name: Alexander Pappas
Enter Customer Phone: (301) 397-9764
Enter the order date and time (mm/dd/yyyyhh:mm AM/PM)
06/22/98 08:26 AM
Number of Shirts: 2

```

Number of Pants: 6
Number of Dresses: 0
The Total order is: 20.727000
Amount Tended? 50

3. کلید Enter را فشار دهید.

```
=====
-/- Georgetown Dry Cleaning Services -/-
=====
Customer:      Alexander Pappas
Home Phone:    (301) 397-9764
Date & Time:   6/22/1998 8:26:00 AM
-----
Item Type  Qty  Unit/Price  Sub-Total
-----
Shirts     2     0.95       1.90
Pants      6     2.95      17.70
Dresses    0     4.55       0
-----
Total Order:      19.60
Tax Rate:         5.7500%
Tax Amount:       1.127000
Net Price:        20.727000
-----
Amount Tended:    50
Difference:       29.273000
=====
```

4. به محیط برنامه نویسی برگردید.