

# بسم الله الرحمن الرحيم

## آموزشگاه تحلیل داده

تخصصی ترین مرکز برنامه نویسی و دیتابیس در ایران

استفاده از شرط `if...else`

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## استفاده از شرط if...else

1. به منظور استفاده از شرط **if...else** فایل **ElectronicStore.cs** را به ترتیب زیر اصلاح کنید.

```
using System;
    using ElectronicStore2;
public class Store
{
    StoreItem CreateStoreItem()
    {
        int? category = null;
        decimal itemPrice = 0m;
        StoreItem sItem = new StoreItem();
        Console.Title = "Electronic Super Store";
        Console.WriteLine("== Nearson Electronics ==");
        Console.WriteLine("***** Store Items *****");
        Console.WriteLine(
            "To create a store item, enter its
information");
        Console.Write("Item Number: ");
        sItem.itemNumber =
long.Parse(Console.ReadLine());
        Console.WriteLine("Category");
        Console.WriteLine("1. Unknown/Miscellaneous");
        Console.WriteLine("2. Cables and Connectors");
        Console.WriteLine("3. Cell Phones and
Accessories");
        Console.WriteLine("4. Headphones");
        Console.WriteLine("5. Digital Cameras");
        Console.WriteLine("6. PDAs and Accessories");
        Console.WriteLine("7. Telephones and
Accessories");
        Console.WriteLine("8. TVs and Videos - Plasma /
LCD");
        Console.WriteLine("9. Surge Protector");
        Console.WriteLine("10. Instructional and
Tutorials (VHS & DVD)TVs and Videos");
        Console.Write("Your Choice? ");
        category = int.Parse(Console.ReadLine());
        if (category == 1)
            sItem.category = ItemsCategories.Unknown;
        if (category == 2)
            sItem.category =
ItemsCategories.CablesAndConnectors;
        if (category == 3)
            sItem.category =
```

```

ItemsCategories.CellPhonesAndAccessories;
    if (category == 4)
        sItem.category = ItemsCategories.Headphones;
    if (category == 5)
        sItem.category =
ItemsCategories.DigitalCameras;
    if (category == 6)
        sItem.category =
ItemsCategories.PDAsAndAccessories;
    if (category == 7)
        sItem.category =
ItemsCategories.TelephonesAndAccessories;
    if (category == 8)
        sItem.category =
ItemsCategories.TVsAndVideos;
    if (category == 9)
        sItem.category =
ItemsCategories.SurgeProtectors;
    if (category == 10)
        sItem.category =
ItemsCategories.Instructional;
    Console.Write("Make:      ");
    sItem.manufacturer = Console.ReadLine();
    Console.Write("Model:      ");
    sItem.model = Console.ReadLine();
    Console.Write("Unit Price: ");
    itemPrice = decimal.Parse(Console.ReadLine());
    if (itemPrice <= 0)
        sItem.unitPrice = 0.00m;
    else
        sItem.unitPrice = itemPrice;
    return sItem;
}
string GetItemCategory(ItemsCategories cat)
{
    string strCategory = "Unknown";
    if (cat == ItemsCategories.CablesAndConnectors)
        strCategory = "Cables & Connectors";
    if (cat ==
ItemsCategories.CellPhonesAndAccessories)
        strCategory = "Cell Phones & Accessories";
    if (cat == ItemsCategories.Headphones)
        strCategory = "Headphones";
    if (cat == ItemsCategories.DigitalCameras)
        strCategory = "Digital Cameras";
    if (cat == ItemsCategories.PDAsAndAccessories)
        strCategory = "PDAs & Accessories";
}

```

```

        if (cat ==
ItemsCategories.TelephonesAndAccessories)
            strCategory = "Telephones & Accessories";
        if (cat == ItemsCategories.TVsAndVideos)
            strCategory = "TVs & Videos";
        if (cat == ItemsCategories.SurgeProtectors)
            strCategory = "Surge Protectors";
        if (cat == ItemsCategories.Instructional)
            strCategory = "Instructional";
        return strCategory;
    }
    void DescribeStoreItem(StoreItem item)
    {
        string strCategory =
GetItemCategory(item.category);
        Console.Title = "Electronic Super Store";
        Console.WriteLine("== Nearson Electronics ==");
        Console.WriteLine("***** Store Items *****");
        Console.WriteLine("Store Item Description");
        Console.WriteLine("Item Number:    {0}",
item.itemNumber);
        Console.WriteLine("Category:        {0}",
strCategory);
        Console.WriteLine("Make:            {0}",
item.manufacturer);
        Console.WriteLine("Model:           {0}",
item.model);
        Console.WriteLine("Unit Price:     {0:C}",
item.unitPrice);
    }
    public static int Main()
    {
        Store st = new Store();
        StoreItem saleItem = st.CreateStoreItem();
        Console.Clear();
        st.DescribeStoreItem(saleItem);
        System.Console.ReadKey();
        return 0;
    }
}

```

2. برای اجرای برنامه، فهرست گزینه ی اصلی را باز کرده، سپس : **Debug -> Start Debugging**

3. حال مقادیر را به ترتیب زیر وارد کنید و پس از هر کدام کلید **Enter** را فشار دهید.

```

== Nearson Electronics ==
***** Store Items *****

```

To create a store item, enter its information

Item Number: 992052

Category

1. Unknown/Miscellaneous
2. Cables and Connectors
3. Cell Phones and Accessories
4. Headphones
5. Digital Cameras
6. PDAs and Accessories
7. Telephones and Accessories
8. TVs and Videos - Plasma / LCD
9. Surge Protector
10. Instructional and Tutorials (VHS & DVD)TVs and

Videos

Your Choice? 4

Make: Sennheiser

Model: HD-555

Unit Price: 104.00

4. Enter را بزنیید.

== Nearson Electronics ==

\*\*\*\*\* Store Items \*\*\*\*\*

Store Item Description

Item Number: 992052

Category: Headphones

Make: Sennheiser

Model: HD-555

Unit Price: \$104.00

5. اکنون پنجره ی DOS را بسته و به محیط برنامه نویسی برگردید.