

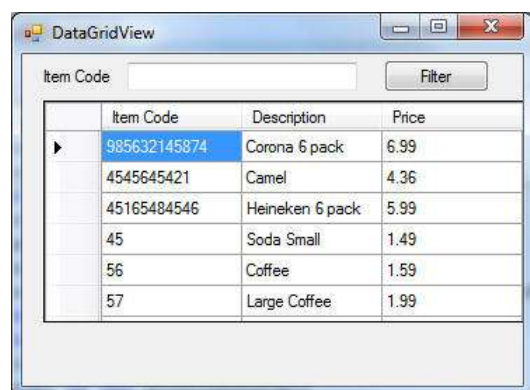
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Filter Columns Value in DataGridView - Visual Basic .NET

Tags: VB.NET, VB 2008, VB 2010, VB 2012, VB 2013

In this tutorial, we will filter the Item Code column based on the value in TextBox1



First add the following namespaces:

```
Imports System.Data
Imports System.Data.OleDb
Imports System.Data.Odbc
Imports System.Data.DataTable
```

Then add the following declaration after *Public Class Form1*

```
Public Class Form1
    Dim provider As String
    Dim dataFile As String
    Dim connString As String
    Dim myConnection As OleDbConnection = New OleDbConnection
    Dim ds As DataSet = New DataSet
    Dim da As OleDbDataAdapter
    Dim tables As DataTableCollection = ds.Tables
    Dim source1 As New BindingSource()
```

the following code is the form load event

```
Private Sub Form1_Load(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles MyBase.Load
    provider = "Provider=Microsoft.ACE.OLEDB.12.0;Data Source ="
    dataFile = "C:\Users\Jimmy\Documents\Merchandise.accdb" ' change to access database location on your computer
    connString = provider & dataFile
    myConnection.ConnectionString = connString
    da = New OleDbDataAdapter("Select [Item Code], [Description], [Price] from items", myConnection)
    da.Fill(ds, "Items")
    ' replace "items" with the name of the table
    ' replace [Item Code], [Description], [Price] with the columns headers
    Dim view1 As New DataView(tables(0))
    source1.DataSource = view1
    DataGridView1.DataSource = view1
    DataGridView1.Refresh()
```

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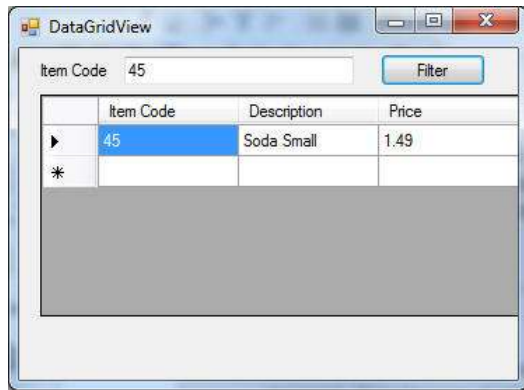
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```
End Sub
```

Filter button click event

```
Private Sub FilterButton_Click(ByVal sender As System.Object, ByVal e As System.EventArgs) Handles  
FilterButton.Click  
    source1.Filter = "[Item Code] = '" & TextBox1.Text & "'" & vbCrLf  
    DataGridView1.Refresh()  
End Sub
```

Result:



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