

Forum:[Hack Forums](#)

Thread: [Simple Counting](#)

unknown321 - August 20, 2019, 2:50 pm

Looking for help with simple counting. Heres the program im working on the very first part of the add button but getting error on line 2. Making the score total textbox add score textbox

System.FormatException: 'Input string was not in a correct format.'

```
Code private void BtnAdd_Click(object sender, EventArgs e)
{
    decimal Score = Convert.ToDecimal(txtScore.Text);
    decimal TotalScore = Convert.ToDecimal(txtScoreTotal.Text);

    TotalScore += Score;
}
```

CynicalCheshire - August 20, 2019, 8:37 pm

I can try to help you debug more but I would need to see the rest of the .cs class and the .xaml class for the project. Specifically how the txtScore look and the txtScoreTotal look like. Are you making sure they're binding correctly. The second line of code compiles fine as the following.

```
Code decimal score = Convert.ToDecimal("98");
    decimal TotalScore = Convert.ToDecimal("472");

    TotalScore += score;
```

unknown321 - August 21, 2019, 7:23 am

(Aug 20, 2019 08:37 PM)CynicalCheshire Wrote: [\[CITE\]](#) I can try to help you debug more but I would need to see the rest of the .cs class and the .xaml class for the project. Specifically how the txtScore look and the txtScoreTotal look like. Are you making sure they're binding correctly. The second line of code compiles fine as the following.

```
Code decimal score = Convert.ToDecimal("98");
    decimal TotalScore = Convert.ToDecimal("472");

    TotalScore += score;
Code using System;
using System.Collections.Generic;
using System.ComponentModel;
using System.Data;
using System.Drawing;
using System.Linq;
using System.Text;
using System.Threading.Tasks;
```

using System.Windows.Forms;

namespace Extra_4_2

```
{
    public partial class Form1 : Form
    {
        public Form1()
        {
            InitializeComponent();
            this.KeyPreview = true;
        }

        private void BtnAdd_Click(object sender, EventArgs e)
        {
            decimal Score = Convert.ToDecimal(txtScore.Text);
            decimal TotalScore = Convert.ToDecimal(txtScoreTotal.Text);
            decimal ScoreCount = Convert.ToDecimal(txtScoreCount.Text);

            TotalScore += Score
            ScoreCount++;
        }

        private void BtnClearScores_Click(object sender, EventArgs e)
        {
            txtScore.Text = "";
            txtScoreTotal.Text = "";
            txtScoreCount.Text = "";
            txtAverage.Text = "";
        }

        private void Form1_KeyDown(object sender, KeyEventArgs e)
        {
            if (e.KeyCode == Keys.Escape)
                Application.Exit();
        }
    }
}
```

that's all I have right now. I need it to point to the textboxes so I can use the textboxes. Its just not working right though. I keep getting that error.

Blanka - August 21, 2019, 7:54 am

wdyw to convert to decimal ?

unknown321 - August 21, 2019, 8:22 am

(Aug 21, 2019 07:54 AM)Blanka Wrote: [\[CITE\]](#) wdyw to convert to decimal ?
the text inside the textboxes. Is there a better way of doing it?

Blanka - August 21, 2019, 8:23 am

(Aug 21, 2019 08:22 AM)unknown321 Wrote: [\[CITE\]](#) the text inside the textboxes yes but you can convert it to Int32 why decimal ? (decimal are 12.34 or 456,789)

unknown321 - August 21, 2019, 8:28 am

(Aug 21, 2019 08:23 AM)Blanka Wrote: [\[CITE\]](#) yes but you can convert it to Int32 why decimal ? (

decimal are 12.34 or 456,789)

I tried int32 right now and still getting System.FormatException: 'Input string was not in a correct format.'

im just entering random numbers but its not working

BeatMatch - August 21, 2019, 9:18 am

(Aug 21, 2019 08:28 AM)unknown321 Wrote: [\[CITE\]](#) I tried int32 right now and still getting System.FormatException: 'Input string was not in a correct format.'

im just entering random numbers but its not working

```
int x = Int32.Parse(txtScore.Text);
```

this should help this will take the text value, and store it as an int which you need as x, then so on.

unknown321 - August 21, 2019, 1:03 pm

(Aug 21, 2019 09:18 AM)BeatMatch Wrote: [\[CITE\]](#) int x = Int32.Parse(txtScore.Text);

this should help this will take the text value, and store it as an int which you need as x, then so on.

even so while trying this method still getting

System.FormatException: 'Input string was not in a correct format.'

on line

```
int TotalScore = Int32.Parse(txtScoreTotal.Text);
```

BeatMatch - August 21, 2019, 1:06 pm

(Aug 21, 2019 01:03 PM)unknown321 Wrote: [\[CITE\]](#) even so while trying this method still getting System.FormatException: 'Input string was not in a correct format.'

on line

```
int TotalScore = Int32.Parse(txtScoreTotal.Text);
```

you are trying to capture total score as an int then parse it into an int, capture it as a string, or you could use a bool aswell would work if you know how to use that.

you would also needed to parse all of the above in the code or its going to through out an error.

Code void RunMainMenu(string input)

```
{
    bool isValidNumber = (input == "1" || input == "2" || input == "3");
    if (isValidNumber)
    {
        level = int.Parse(input);
        AskForPassword();
    }
}
```

i declared int level at the top of my file your's will be slightly different because you are using .text but thats the best example i have on hand.

INeedHelpWithMyAccount1 - August 22, 2019, 6:46 am

To be honest I didn't understand what you wanted to code. I mean the functionality.

MavenGradle - August 22, 2019, 7:57 am

(Aug 21, 2019 01:06 PM)BeatMatch Wrote: [\[CITE\]](#) you are trying to capture total score as an int then parse it into an int, capture it as a string, or you could use a bool aswell would work if you know how to use that.

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i declared int level at the top of my file your's will be slightly different because you are using .text but that's the best example i have on hand.

What is this? Are you gonna write an if statement from 0 to 9 to check if the text is a valid number?

Code int.TryParse

BeatMatch - August 22, 2019, 8:29 am

(Aug 22, 2019 07:57 AM)MavenGradle Wrote: [\[CITE\]](#) What is this? Are you gonna write an if statement from 0 to 9 to check if the text is a valid number?

Code int.TryParse

no, why would i do that i was showing him an example of a bool, clearly he is new to coding, hence im not actually just using c# im also running it through a game engine and in only, wanted to use them 3 hence why i use input and not textbox.text because i have declared it somewhere else,

i already told him to try to int pars, but dont you worry about my code bud it runs smooth and does a job what i want it to do obviously there is more missing and that's just a snippet

vaiperboy - August 22, 2019, 11:00 am

(Aug 22, 2019 08:29 AM)BeatMatch Wrote: [\[CITE\]](#) no, why would i do that i was showing him an example of a bool, clearly he is new to coding, hence im not actually just using c# im also running it through a game engine and in only, wanted to use them 3 hence why i use input and not textbox.text because i have declared it somewhere else,

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@OP, if you can, always use int.TryParse, it handles the conversion process (or failure, if there is. No exceptions will be raised, just a simple boolean value)

BeatMatch - August 22, 2019, 11:23 am

(Aug 22, 2019 11:00 AM)vaiperboy Wrote: [\[CITE\]](#) You clearly seem to be lost, look up some basics buddy

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I seem to be lost considering, my code works umm no sir you are mistaken

GraeskMytologi - August 22, 2019, 12:36 pm

(Aug 21, 2019 01:06 PM)BeatMatch Wrote: [\[CITE\]](#) Code void RunMainMenu(string input)

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    if (isValidNumber)
    {
```

```
    level = int.Parse(input);  
    AskForPassword();  
}
```

That's the most disgusting code I've ever read

BeatMatch - August 22, 2019, 12:59 pm

(Aug 22, 2019 12:36 PM)GraeskMytologi Wrote: [\[CITE\]](#) That's the most disgusting code I've ever read

good for you if you can tell me, even what it does or what it calls, considering, there is more to that.

vaiperboy - August 23, 2019, 8:29 am

(Aug 22, 2019 11:23 AM)BeatMatch Wrote: [\[CITE\]](#) I seem to be lost considering, my code works umm no sir you are mistakenlol get off the thread already please

@OP, like i said simply use int.TryParse (or uint if you dont want to allow negatives or need a higher value [or even ulong if you need it])

usage:

Code bool isNum = int.TryParse("123", out int value);here you'll have two variables. isNum (a bool value. it'll give a false value if number couldn't be parsed or number is out of 32-bit values (if its one number over/less 2^16))

value. if isNum is false it'll result in 0. otherwise it'll result in the output

BeatMatch - August 23, 2019, 8:34 am

(Aug 23, 2019 08:29 AM)vaiperboy Wrote: [\[CITE\]](#) lol get off the thread already please

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use guys are just repeating what has been said lol read all the posts ?

GraeskMytologi - August 23, 2019, 9:52 am

(Aug 22, 2019 12:59 PM)BeatMatch Wrote: [\[CITE\]](#) good for you if you can tell me, even what it does or what it calls, considering, there is more to that.

Well it clearly does up to 3 consecutive string comparisons, then parses the input string to an int and calls the AskForPassword() method.

Not sure why that matters, that is still the most disgusting code I've ever read

equity - August 23, 2019, 1:17 pm

(Aug 21, 2019 01:03 PM)unknown321 Wrote: [\[CITE\]](#) even so while trying this method still getting System.FormatException: 'Input string was not in a correct format.'

on line

```
int TotalScore = Int32.Parse(txtScoreTotal.Text);
```

Make sure you're entering numbers in the box (I know you probably are)

you can try

```
Convert.ToInt32(someTextBox.Text);
```

CynicalCheshire - August 24, 2019, 2:05 pm

@OP I'm not sure if you have been able to get this to work but I think what may be going on is the text box has not been updated with the text input you put in your gui. That exception occurs when the input text is blank.

```
Code decimal score = Convert.ToDecimal("");  
the above will cause your exception.
```

My suggestion is two parts.

1. use the previously noted

```
Code if(Double.TryParse(txtScoreTotal.Text, out double number)){  
//do stuff  
}  
and
```

2. check your bindings because it appears your Text has not updated properly to contain the input you desire.

Good luck!

Edit:

to test if its your input just try to print it out and see its value or breakpoint it in debug mode.

unknown321 - August 25, 2019, 11:58 am

(Aug 24, 2019 02:05 PM)CynicalCheshire Wrote: [\[CITE\]](#) @OP I'm not sure if you have been able to get this to work but I think what may be going on is the text box has not been updated with the text input you put in your gui. That exception occurs when the input text is blank.

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0xDEAD10CC - August 25, 2019, 1:14 pm

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Good luck!

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to test if its your input just try to print it out and see its value or breakpoint it in debug mode.
double and decimal are different types

(Aug 22, 2019 08:29 AM)BeatMatch Wrote: [\[CITE\]](#) no, why would i do that i was showing him an example of a bool, clearly he is new to coding, hence im not actually just using c# im also running it through a game engine and in only, wanted to use them 3 hence why i use input and not textbox.text because i have declared it somewhere else,

i already told him to try to int pars, but dont you worry about my code bud it runs smooth and does a job what i want it to do obviously there is more missing and thats just a snippet
:/ .. You wouldn't even need compiler optimization to improve code like that. An elementary student could probably optimize it by hand to produce more efficient code.

Doing this for every string representation of a number is not only going to increase conditional checks, it won't validate against arithmetic overflow.

Counting input, sum, and average is a very trivial task. What's wrong with a NumericUpDown control? Also, people who are suggesting to use the Convert class over the Parse()/TryParse() methods don't understand the difference in what these methods are doing behind the scenes.

(Aug 25, 2019 11:58 AM)unknown321 Wrote: [\[CITE\]](#) still getting same error with the code you told me to try

If you're getting an error, you're doing something wrong at runtime with your input. What is an example input? "1234" should parse with Parse() and TryParse() with zero issues.

My guess is that you're using the wrong textbox... txtScore.Text instead? TryParse() won't throw an exception either.

One other issue here is that you're using the control's display text to continue with your calculations which is the opposite of how software is normally developed. UI is for display only, you bind data with your controls, or update it when your internal data changes. Parsing data that has been calculated and converted to a string to be displayed on the UI to be taken again, parsed back to the relevant type, and used in other expressions for calculations is wrong.