

### Ex1G1

Using the debugger, answer the following questions assuming that the user enters the following values and clicks button1:

textBox1A	1	textBox1B	4	textBox1C	7
textBox2A	2	textBox2B	5	textBox2C	8
textBox3A	3	textBox3B	6	textBox3C	9

button1

#### Question 1 (1 point)

Before executing statement #1, the value of textBox1A.Text is

Question 1 options:

- ☐ 1
- ☐ "1"
- ☐ 4
- ☐ "4"

Save

#### Question 2 (1 point)

After executing statement #1, the value of textBox1A.Text is

Question 2 options:

- ☐ 1
- ☐ "1"
- ☐ 4

☐ "4"

Save

**Question 3** (1 point)

After executing statement #1, the value of textBox1C.Text is

Question 3 options:

☐ 5

☐ "5"

☐ 14

☐ "14"

Save

**Question 4** (1 point)

Before executing statement #2, the value of textBox2C.Text is

Question 4 options:

☐ "7"

☐ "2"

☐ "5"

☐ "8"

Save

**Question 5** (1 point)

After executing statement #2, the value of textBox2C.Text is

Question 5 options:

☐ "7"

☐ "2"

☐ "5"

☐ "8"

Save

**Question 6** (1 point)

Before executing statement #3, the value of textBox3C.Text is

Question 6 options:

☐ "3"

☐ "6"

☐ "9"

☐ "36"

Save

**Question 7** (1 point)

After executing statement #3, the value of textBox3C.Text is

Question 7 options:

☐ "3"

☐ "6"

☐ "9"

☐ "36"

Save

**Question 8** (1 point)

Before executing statement #4, the value of textBox1A.Text is

Question 8 options:

☐ "414"

☐ "14"

☐ "4"

☐ "1"

Save

**Question 9** (1 point)

After executing statement #4, the value of textBox1A.Text is

Question 9 options:

☐ "414"

☐ "14"

☐ "4"

☐ "1"

Save

**Question 10** (1 point)

Before executing statement #5, the value of textBox2A.Text is

Question 10 options:

☐ "1"

☐ "2"

☐ "57"

☐ "5"

Save

**Question 11** (1 point)

After executing statement #5, the value of textBox2A.Text is

Question 11 options:

- ☐ "1"
- ☐ "2"
- ☐ "57"
- ☐ "5"

Save

**Question 12** (1 point)

Before executing statement #6, the value of textBox3B.MaxLength is

Question 12 options:

- ☐ 0
- ☐ "1"
- ☐ 32767
- ☐ "32767"

Save

**Question 13** (1 point)

After executing statement #6, the value of textBox3B.MaxLength is

Question 13 options:

- ☐ 0
- ☐ "1"
- ☐ 32767
- ☐ "32767"

Save

**Question 14** (1 point)

Before executing statement #6, the value of `textBox3C.SelectionLength` is

Question 14 options:

- ☐ 0
- ☐ "1"
- ☐ 32767
- ☐ "32767"

Save

**Question 15** (1 point)

Before executing statement #6, the value of `textBox3A.Text` is

Question 15 options:

- ☐ 3
- ☐ "3"
- ☐ 32767
- ☐ "32767"

Save

**Question 16** (1 point)

After executing statement #6, the value of `textBox3A.Text` is

Question 16 options:

- ☐ 3
- ☐ "3"
- ☐ 32767

☐ "32767"

Save

**Question 17** (1 point)

Before executing statement #7, the value of textBox1B.Text is

Question 17 options:

☐ "400.00"

☐ "4.00"

☐ "4"

☐ "414"

Save

**Question 18** (1 point)

Before executing statement #8, the value of textBox2B.Text is

Question 18 options:

☐ "5.00"

☐ "5"

☐ "14"

☐ "414"

Save

**Question 19** (1 point)

After executing statement #8, the value of textBox2B.Text is

Question 19 options:

☐ "5796"

☐ "5,796.00"

☐ "5796.00"

☐ "414"

Save

**Question 20** (1 point)

? Before executing statement #9, the value of textBox3B.Text is

Question 20 options:

☐ "32767"

☐ "36"

☐ "6"

☐ "910.19"

Save

**Question 21** (1 point)

? After executing statement #9, the value of textBox3B.Text is

Question 21 options:

☐ "32767"

☐ "36"

☐ "6"

☐ "910.19"

Save

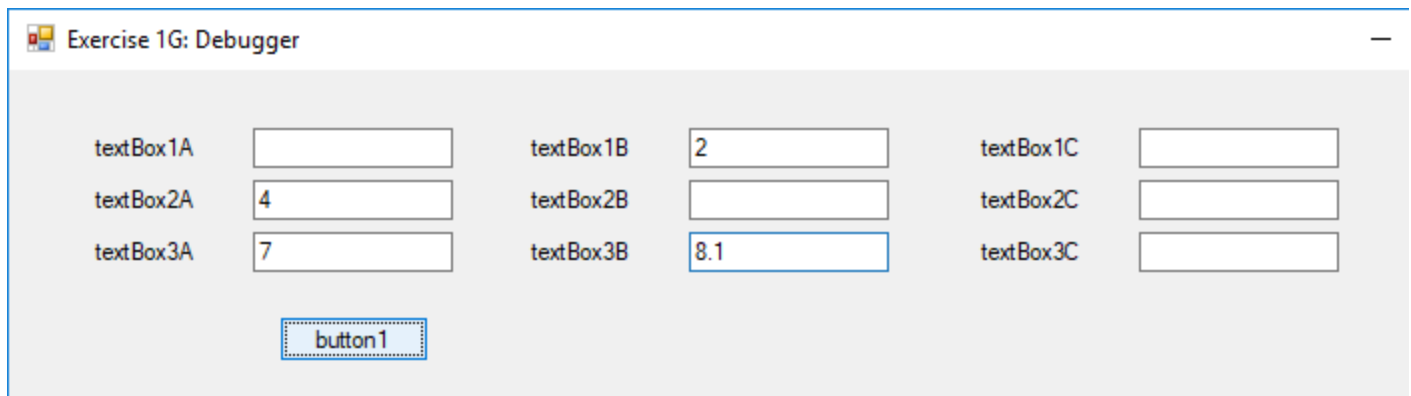
Ex1G2

Given the user input in each question, determine which input value causes an exception to be thrown.

**Question 22** (1 point)



The user enters the following input:



textBox1A		textBox1B	2	textBox1C	
textBox2A	4	textBox2B		textBox2C	
textBox3A	7	textBox3B	8.1	textBox3C	

button1

Which input value causes the exception to be thrown?

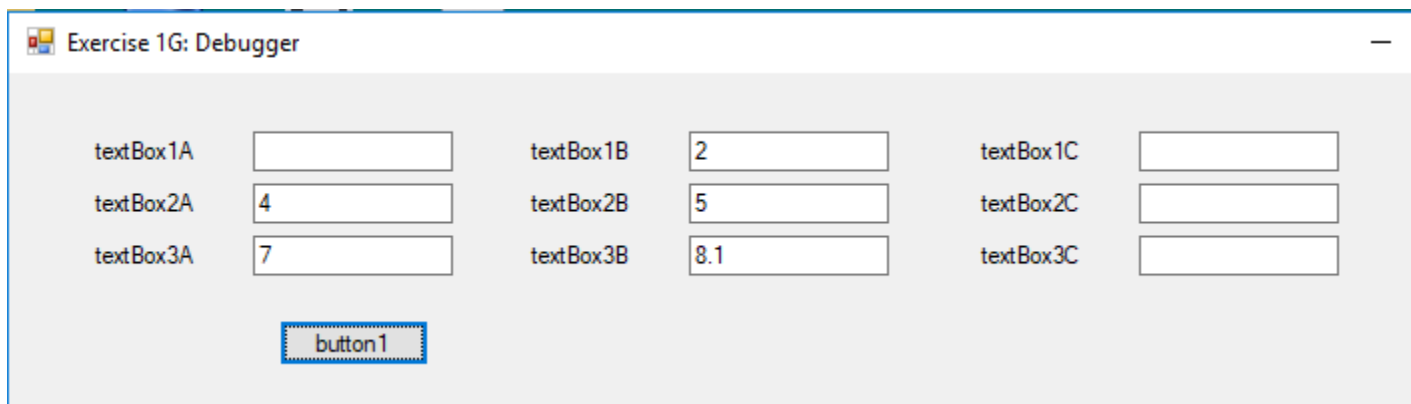
Question 22 options:

- ☐ textBox1A.Text
- ☐ textBox1B.Text
- ☐ textBox2A.Text
- ☐ textBox2B.Text

Save

**Question 23** (1 point)

The user enters the following input:



textBox1A		textBox1B	2	textBox1C	
textBox2A	4	textBox2B	5	textBox2C	
textBox3A	7	textBox3B	8.1	textBox3C	

button1

Which input value causes the exception to be thrown?

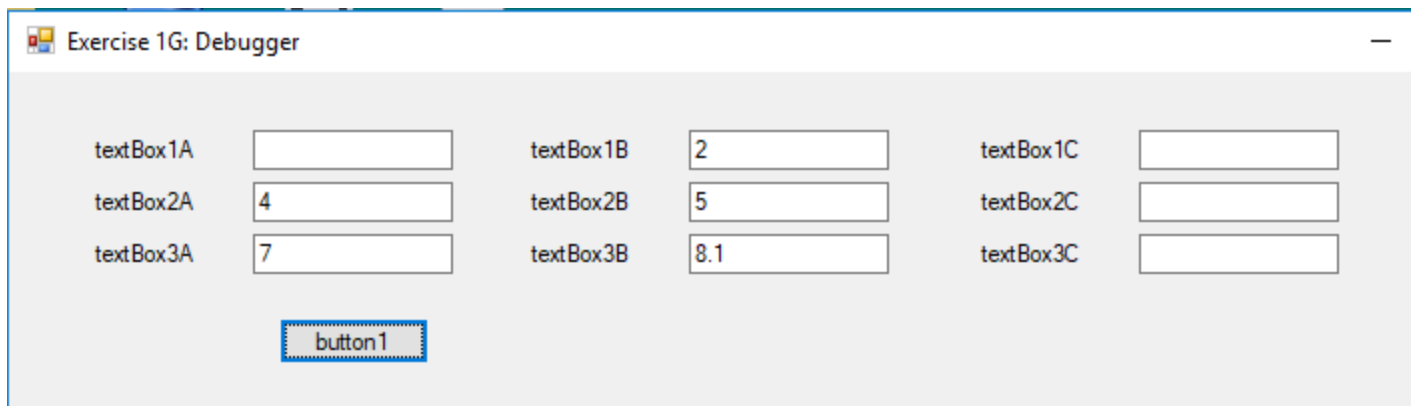
Question 23 options:

- ☐ textBox3A.Text
- ☐ textBox3B.Text
- ☐ textBox2A.Text
- ☐ textBox2B.Text

Save

**Question 24** (1 point)

The user enters the following input:



The screenshot shows a debugger window titled "Exercise 1G: Debugger". Inside the window, there is a form with three columns of text boxes and a button. The text boxes are labeled as follows:

Label	Value
textBox1A	
textBox2A	4
textBox3A	7
textBox1B	2
textBox2B	5
textBox3B	8.1
textBox1C	
textBox2C	
textBox3C	

Below the text boxes is a button labeled "button1".

Which input value causes the exception to be thrown?

Question 24 options:

- ☐ textBox3A.Text
- ☐ textBox3B.Text
- ☐ textBox2A.Text
- ☐ textBox2B.Text

Save

**Question 25** (1 point)

The user enters the following input:

textBox1A		textBox1B	2	textBox1C	1,234
textBox2A	4	textBox2B	1,234	textBox2C	
textBox3A	5	textBox3B		textBox3C	

button1

Which input value causes the exception to be thrown?

Question 25 options:

- ☐ textBox3A.Text
- ☐ textBox3B.Text
- ☐ textBox2A.Text
- ☐ textBox2B.Text

Save

Ex1G3

If the program is paused at the given location, determine the value of the expression.

**Question 26** (1 point)

The user enters the following input:

textBox1A	1	textBox1B	4	textBox1C	7
textBox2A	2	textBox2B	5	textBox2C	8
textBox3A	3	textBox3B	6	textBox3C	9

button1

What value will the following expression have immediately before statement #9 is executed:

textBox2B.Text

Question 26 options:

- ☐ "5,796.00"
- ☐ 5796
- ☐ "5"
- ☐ 5

Save

**Question 27** (1 point)

The user enters the following input:

textBox1A	1	textBox1B	4	textBox1C	7
textBox2A	2	textBox2B	5	textBox2C	8
textBox3A	3	textBox3B	6	textBox3C	9

button1

What value will the following expression have immediately before statement #9 is executed:

`Convert.ToDecimal(textBox3A.Text)`

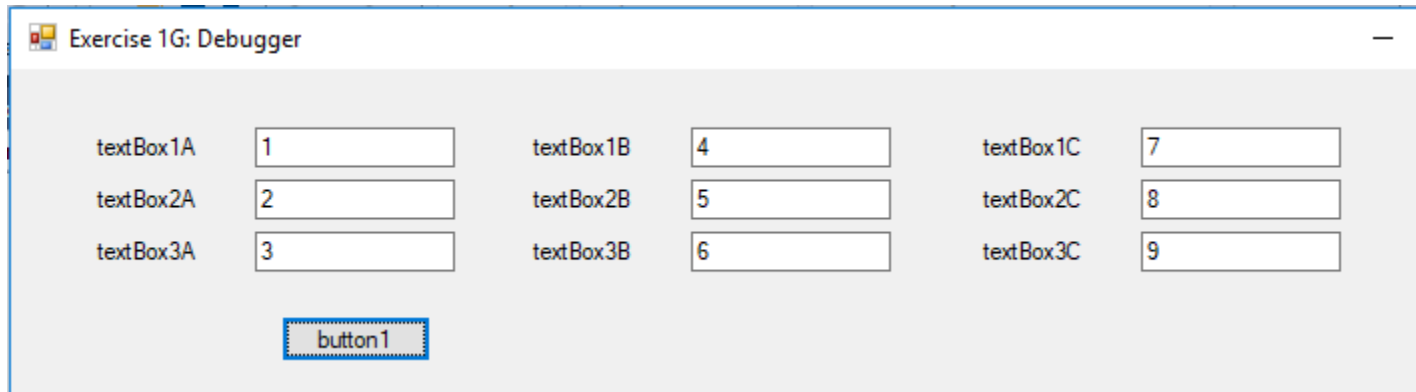
Question 27 options:

- ☐ "32767"
- ☐ 32767
- ☐ "5"
- ☐ 5

Save

**Question 28** (1 point)

The user enters the following input:



textBox1A	1	textBox1B	4	textBox1C	7
textBox2A	2	textBox2B	5	textBox2C	8
textBox3A	3	textBox3B	6	textBox3C	9

button1

What value will the following expression have immediately before statement #9 is executed:

`Convert.ToDecimal(textBox3A.Text) / Convert.ToDecimal(textBox3C.Text)`

Question 28 options:

- ☐ 910.19444444...
- ☐ "910.19444444..."
- ☐ 910.19
- ☐ "910.19"

Save

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