

}

}

[TestMethod]

✔ | 0 references

public void ButtonClick\_InputIsValid\_FirstTrueSecondFalse()

{

decimal pay = 0m;

decimal bonus = 0m;

Form1 p = new Form1();

p.grossPayTextBox.Text = "0";

p.bonusTextBox.Text = "b";

bool result = p.InputIsValid(ref pay, ref bonus);

if (result == true) // If the unexpected happens...

{

Assert.ThrowsException&lt;System.ArgumentException&gt;(() =&gt;

}

}

}

Run All | Run... ▾ |

Pay and Bonus (1 t

▲ ✓ P... (1) 149 ms

▲ ✓ . (1) 149 ms

▲ ✓ .. 149 ms

✓ B... 14

```
3     pay_and_Bonus;  
4     PayAndBonusTest  
5  
6     [TestClass]  
7     [references  
8  
9     public class UnitTest1  
10  
11     [TestMethod]  
12     ✓ | 0 references  
13     public void ButtonClick_BothValid_True()  
14     {  
15         decimal pay = 0m;  
16         decimal bonus = 0m;  
17         Form1 p = new Form1();  
18         p.grossPayTextBox.Text = "0";  
19         p.bonusTextBox.Text = "0";  
20         bool result = p.InputIsValid(ref pay, ref bonus);  
21         Assert.IsTrue(result, "Somehow, result is not true");  
22     }
```

Pay and Bonus (2 tests) 1 failed

- PayAndBonusTest (2) 5 sec
- PayAndBonusTest (2) 5 sec
- UnitTest1 (2) 5 sec
  - ButtonClick\_InputIs... 5 sec
  - ButtonClick\_Input... 193 ms

```
3   using Pay_and_Bonus;
4   namespace PayAndBonusTest
5   {
6       [TestClass]
7       0 references
8       public class UnitTest1
9       {
10          [TestMethod]
11          0 references
12          public void ButtonClick_InputIsValid_True()
13          {
14              decimal pay = 0m;
15              decimal bonus = 0m;
16              Form1 p = new Form1();
17              p.grossPayTextBox.Text = "0";
18              p.bonusTextBox.Text = "0";
19              bool result = p.InputIsValid(ref pay, ref bonus);
20              Assert.IsTrue(result, "Somehow, result is not true");
21          }
22          [TestMethod]
23          0 references
24          public void ButtonClick_InputIsValid_False()
25          {
26              decimal pay = 0m;
27              decimal bonus = 0m;
28              Form1 p = new Form1();
29              p.grossPayTextBox.Text = "a";
30              p.bonusTextBox.Text = "b";
31              bool result = p.InputIsValid(ref pay, ref bonus);
32              Assert.IsTrue(result, "Somehow, result is not true");
33          }
34      }
35  }
```

UnitTest1.csForm1.csForm1.cs [Design]PayAndBonusTestPayAndBonusTest.UnitTest1ButtonClick\_

15161718192021222324252627282930313233343536373839404142434445

```
Form1 p = new Form1();
p.grossPayTextBox.Text = "0";
p.bonusTextBox.Text = "0";
bool result = p.InputIsValid(ref pay, ref bonus);
Assert.IsTrue(result, "Somehow, result is not true");
}

[TestMethod]
0 references
public void ButtonClick_InputIsValid_False()
{
    decimal pay = 0m;
    decimal bonus = 0m;
    Form1 p = new Form1();
    p.grossPayTextBox.Text = "a";
    p.bonusTextBox.Text = "b";
    bool result = p.InputIsValid(ref pay, ref bonus);
    Assert.IsFalse(result, "Somehow, result is not true");
}

[TestMethod]
0 references
public void ButtonClick_InputIsValid_FirstFalseSecondTrue()
{
    decimal pay = 0m;
    decimal bonus = 0m;
    Form1 p = new Form1();
    p.grossPayTextBox.Text = "a";
    p.bonusTextBox.Text = "0";
    bool result = p.InputIsValid(ref pay, ref bonus);
    if (result == true)//If the unexpected happens...
    {
        Assert.ThrowsException<System.ArgumentException>(() => result);
    }
}
```