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**Sub : SQT, Sec : C**

```
//calculator.cs
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace nunittest
{
    class calculator
    {
        public int Add(int a, int b)
        {
            return a + b;
        }

        public int Sub(int a, int b)
        {
            return a - b;
        }

        public int Mul(int a, int b)
        {
            return a * b;
        }

        public int Div(int a, int b)
        {
            return a / b;
        }
    }
}
```

```
//testcase.cs
using NUnit.Framework;
using System;
using System.Collections.Generic;
using System.Linq;
using System.Text;
using System.Threading.Tasks;

namespace nunittest
{
    [TestFixture]
    class testcase
    {
        [TestCase]
```

```

public void Add()
{
    calculator c = new calculator();
    Assert.AreEqual(5, c.Add(3, 2));
}

[TestCase]
public void Sub()
{
    calculator c = new calculator();
    Assert.AreEqual(6, c.Sub(8, 2));
}

[TestCase]
public void Mul()
{
    calculator c = new calculator();
    Assert.AreEqual(15, c.Mul(3, 5));
}

[TestCase]
public void Div()
{
    calculator c = new calculator();
    Assert.AreEqual(5, c.Div(15, 3));
}
}
}

```



