

Exception Handling

Divide by Zero

```
1    using System;
2
3    namespace test
4    {
5        class Program
6        {
7            static void Main(string[] args)
8            {
9                int j = 0;
10               int k = 100;
11               Console.WriteLine("j = {0}  k = {1}", j, k);
12               int x = k / j;
13               Console.WriteLine("x = {0}", x);
14           }
15       }
16   }
```

Exception handling

```
static void Main(string[] args)
{
    int j = 0;
    int k = 100;
    Console.WriteLine("j = {0}  k = {1}", j, k);
    int x = 0;

    try
    {
        x = k / j;
    }
    catch
    {
        Console.WriteLine("something wrong.");
        x = -1;
    }
    finally
    {
        Console.WriteLine("clean up here.");
    }
    Console.WriteLine("x = {0}", x);
}
```

Read user number data

```
class Program
{
    static void Main(string[] args)
    {
        decimal baht = 0;
        Console.Write("Enter value in Baht: ");
        baht = Convert.ToDecimal(Console.ReadLine());
        Console.WriteLine("USD = " + baht * 40);
    }
}
```

Try to input some number and letter

Exception handling

```
static void Main(string[] args)
{
    decimal baht = 0;
    Console.Write("Enter value in Baht: ");
    try
    {
        baht = Convert.ToDecimal(Console.ReadLine());
    }
    catch
    {
        baht = 0;
    }
    Console.WriteLine("USD = " + baht * 40);
}
```

Exercise