Exception Handling

GreatFriends.Biz

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

```csharp
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

```csharp
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

```csharp
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