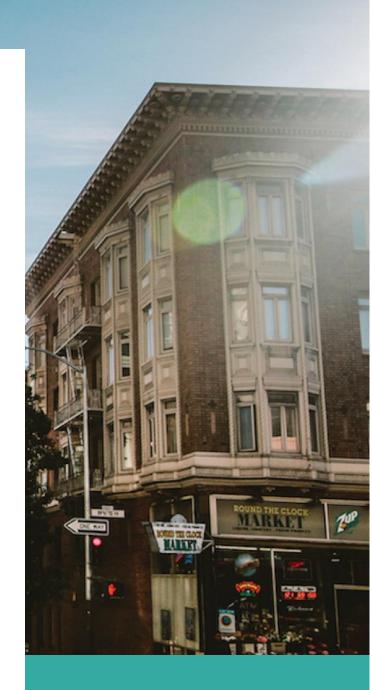


Intermediate Programing(prg521)

Group activity 2 2020



MARCH 25

Ctu Training Solutions
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Program Content

Source Code:

Question 1

class Divide:

```
□namespace ALbertMichaelLudick_5119_Group_act_2
     class Divide
         0 references
         static void Main(string[] args)
 static void Main(string[] args)
         Console.WriteLine("plz enter a number");
         int number1 = Convert.ToInt32(Console.ReadLine());
         Console.WriteLine("plz enter a number");
         int number2 = Convert.ToInt32(Console.ReadLine());
         divide(number1, number2);
         Console.WriteLine("press any button to exit");
         Console.ReadKey();
  static void divide(int number1,int number2)
      try
               int results = number1 / number2;
               int remainder = number1 % number2;
     try
         int results = number1 / number2;
         int remainder = number1 % number2;
         Console.WriteLine($"this is the result of the division {results} "+
             $"and this is the remainder {remainder}");
     catch (DivideByZeroException ex)
         Console.WriteLine($"error occured{ex}");
         throw ex;
```

```
try
    int results = number1 / number2;
   int remainder = number1 % number2;
   Console.WriteLine($"this is the result of the division {results} "+
       $"and this is the remainder {remainder}");
catch (DivideByZeroException ex)
    catch (DivideByZeroException ex)
        Console.WriteLine($"error occured{ex}");
        throw ex;
catch(ArithmeticException ex)
    Console.WriteLine($"error occured{ex}");
 static void divide(int number1,int number2)
      try
          try
             int results = number1 / number2;
             int remainder = number1 % number2;
             Console.WriteLine($"this is the result of the division {results} "+
                 $"and this is the remainder {remainder}");
         catch (DivideByZeroException ex)
             Console.WriteLine($"error occured{ex}");
             throw ex;
     catch(ArithmeticException ex)
         Console.WriteLine($"error occured{ex}");
```

Question 2

Class Numbers:

```
⊟namespace Furniture
     class Furniture
         static void Main(string[] args)
             Console.WriteLine("plz choose a wood by specifing the wood by number"+
                 "\n 1:pine \n 2:oak \n 3:mahogany ");
             int UserChoice = Convert.ToInt32(Console.ReadLine());
             switch (UserChoice)
 switch (UserChoice)
     case 1:
             Console.WriteLine("the price for the pine table is $100");
             break;
     case 2:
             Console.WriteLine("the price for the oak table is $225");
             break;
 case 3:
        Console.WriteLine("the price for the " +
            "mahogany table is $310");
        break;
default:
        Console.WriteLine("the price for the table is $0 " +
             "becuase invalid choice");
        break;
                break;
    Console.WriteLine("press any button to exit");
    Console.ReadKey();
```

Output of all questions

Output of Question 1:

```
Microsoft Visual Studio Debug Console

plz choose a wood by specifing the wood by number

1:pine

2:oak

3:mahogany

2

the price for the oak table is $225

press any button to exit
```

Output of Question 2:

Microsoft Visual Studio Debug Console

```
plz enter a number
20
plz enter a number
2
this is the result of the division 10 and this is the remainder 0
press any button to exit
```

Microsoft Visual Studio Debug Console

```
plz enter a number
25
<sub>C</sub>plz enter a number
2
this is the result of the division 12 and this is the remainder 1
press any button to exit
```

Bibliography & References:

Websites:

GeeksforGeek: https://www.geeksforgeeks.org/ C-Sharp corner: https://www.c-sharpcorner.com/

Appendix

No Extra files or media. Except for the project itself