

EAD Home Task#3

BSEF19M502-AZKA NOREEN

Main.cs

```
using System;

namespace Task{
    public class Operations{
        public static void Main(string [] args)
        {
            System.Console.WriteLine("Azka Noreen");
            System.Console.WriteLine("BSEF19M502");
            System.Console.WriteLine("SE");
            System.Console.WriteLine(Add.addNum(3,5));
            System.Console.WriteLine(Subtract.subNum(8,5));
            System.Console.WriteLine(Multiply.mulNum(3,5));
            System.Console.WriteLine(Divide.divNum(15,5));
            System.Console.WriteLine(Modulus.modNum(14,5));
            System.Console.ReadKey();
        }
    }
}
```

add.cs

```
namespace Task{
    public class Add{
        public static int addNum(int a, int b)
        {
            return a+b;
        }
    }
}
```

sub.cs

```
namespace Task{
    public class Subtract{
        public static int subNum(int a, int b)
        {
            return a-b;
        }
    }
}
```

mul.cs

```
namespace Task{
    public class Multiply{
        public static int mulNum(int a, int b)
        {
            return a*b;
        }
    }
}
```

div.cs

```
namespace Task{
    public class Divide{
        public static int divNum(int a, int b)
        {
            return a/b;
        }
    }
}
```

mod.cs







```

namespace Task{
    public class Modulus{
        public static int modNum(int a, int b)
        {
            return a%b;
        }
    }
}

```

Before compiling

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Name	Date modified	Type	Size
 add.cs	12-Mar-22 4:26 PM	Visual C# Source F...	1 KB
 div.cs	12-Mar-22 4:27 PM	Visual C# Source F...	1 KB
 Main.cs	12-Mar-22 4:26 PM	Visual C# Source F...	1 KB
 mod.cs	12-Mar-22 4:21 PM	Visual C# Source F...	1 KB
 mul.cs	12-Mar-22 4:27 PM	Visual C# Source F...	1 KB
 sub.cs	12-Mar-22 4:26 PM	Visual C# Source F...	1 KB

or

Compilation

```

C:\Users\user\Task\Modulus (C:\Library\Task\Modulus\Task\Modulus)
Microsoft (R) Visual C# Compiler version 4.8.4084.2
For C# 5
Copyright (C) Microsoft Corporation. All rights reserved.
This compiler is provided as part of the Microsoft (R) .NET Framework, but only supports language versions up to C# 5, which is no longer the latest version. For compilers that support newer versions of the C# programming language, see http://go.microsoft.com/fwlink/?linkid=142222.

C:\Users\user\Task\Modulus (C:\Library\Task\Modulus\Task\Modulus)
Microsoft (R) Visual C# Compiler version 4.8.4084.2
For C# 5
Copyright (C) Microsoft Corporation. All rights reserved.
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Microsoft (R) Visual C# Compiler version 4.8.4084.2
For C# 5
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```

After compilation

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Name	Date modified	Type	Size
a.dll	12-Mar-22 4:30 PM	Application exten...	3 KB
add.cs	12-Mar-22 4:26 PM	Visual C# Source F...	1 KB
app.exe	12-Mar-22 4:34 PM	Application	4 KB
d.dll	12-Mar-22 4:31 PM	Application exten...	3 KB
div.cs	12-Mar-22 4:27 PM	Visual C# Source F...	1 KB
m.dll	12-Mar-22 4:32 PM	Application exten...	3 KB
Main.cs	12-Mar-22 4:26 PM	Visual C# Source F...	1 KB
mo.dll	12-Mar-22 4:31 PM	Application exten...	3 KB
mod.cs	12-Mar-22 4:30 PM	Visual C# Source F...	1 KB
mul.cs	12-Mar-22 4:27 PM	Visual C# Source F...	1 KB
s.dll	12-Mar-22 4:30 PM	Application exten...	3 KB
sub.cs	12-Mar-22 4:26 PM	Visual C# Source F...	1 KB

Output:

```
using System;
```

```
namespace Task{
```

```
    public class Operations{
```

```
        public static void Main(string [] args)
```

```
        {
```

```
            System.Console.WriteLine("Azka Noreen");
```

```
            System.Console.WriteLine("BSEF19M502");
```

```
            System.Console.WriteLine("SE");
```

```
            System.Console.WriteLine(Add.addNum(3,5));
```

```
            System.Console.WriteLine(Subtract.subNum(8,5));
```

```
            System.Console.WriteLine(Multiply.mulNum(3,5));
```

```
            System.Console.WriteLine(Divide.divNum(15,5));
```

```
            System.Console.WriteLine(Modulus.modNum(14,5));
```

```
            System.Console.ReadKey();
```

```
        }
```

```
    }
```

```
}
```

```
F:\Semester6\EAD\Home Tasks\HW3\app.e
Azka Noreen
BSEF19M502
SE
8
3
15
3
4
```