

ComputeTheSum

```
C:\ Developer Command Prompt for VS 2017 - computethesum
*****
** Visual Studio 2017 Developer Command Prompt v15.0.26430.6
** Copyright (c) 2017 Microsoft Corporation
*****

C:\Program Files (x86)\Microsoft Visual Studio\2017\Community>cd\
C:\>D:

D:\>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\

01/31/2020  04:08 PM    <DIR>          LabActivity2_Capuli
               0 File(s)                0 bytes
               1 Dir(s)  475,808,059,392 bytes free

D:\>cd labactivity2_capuli
D:\LabActivity2_Capuli>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli

01/31/2020  04:08 PM    <DIR>          .
01/31/2020  04:08 PM    <DIR>          ..
01/31/2020  04:08 PM    <DIR>          BasicOperations
01/31/2020  04:08 PM    <DIR>          ComputeAverage
01/31/2020  04:08 PM    <DIR>          ComputetheSum
01/31/2020  04:08 PM    <DIR>          DeclaringConstants
01/31/2020  04:08 PM    <DIR>          IfElse
01/31/2020  03:58 PM                2,981 LabActivity2_Capuli.sln
               1 File(s)                2,981 bytes
               7 Dir(s)  475,808,059,392 bytes free

D:\LabActivity2_Capuli>cd computethesum
D:\LabActivity2_Capuli\ComputetheSum>csc computethesum.cs
Microsoft (R) Visual C# Compiler version 2.2.0.61624
Copyright (C) Microsoft Corporation. All rights reserved.

D:\LabActivity2_Capuli\ComputetheSum>computethesum
Enter first number: 5
Enter second number: 2
Sum = 7
```

BasicOperations

```
Developer Command Prompt for VS 2017 - basicoperations
*****
G:\Program Files (x86)\Microsoft Visual Studio\2017\Community>cd\
G:\>d:
D:\>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\

01/31/2020  04:08 PM    <DIR>                LabActivity2_Capuli
               0 File(s)                0 bytes
               1 Dir(s)  475,808,055,296 bytes free

D:\>cd labactivity2_capuli
D:\LabActivity2_Capuli>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli

01/31/2020  04:08 PM    <DIR>                .
01/31/2020  04:08 PM    <DIR>                ..
01/31/2020  04:08 PM    <DIR>                BasicOperations
01/31/2020  04:08 PM    <DIR>                ComputeAverage
01/31/2020  04:10 PM    <DIR>                ComputetheSum
01/31/2020  04:08 PM    <DIR>                DeclaringConstants
01/31/2020  04:08 PM    <DIR>                IfElse
01/31/2020  03:58 PM                2,981 LabActivity2_Capuli.sln
               1 File(s)                2,981 bytes
               7 Dir(s)  475,808,055,296 bytes free

D:\LabActivity2_Capuli>cd basicoperations
D:\LabActivity2_Capuli\BasicOperations>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli\BasicOperations

01/31/2020  04:08 PM    <DIR>                .
01/31/2020  04:08 PM    <DIR>                ..
01/31/2020  03:27 PM                189 App.config
01/31/2020  04:05 PM                885 BasicOperations.cs
01/31/2020  03:30 PM                2,347 BasicOperations.csproj
01/31/2020  04:08 PM    <DIR>                bin
01/31/2020  04:08 PM    <DIR>                obj
01/31/2020  04:08 PM    <DIR>                Properties
               3 File(s)                3,421 bytes
               5 Dir(s)  475,808,055,296 bytes free

D:\LabActivity2_Capuli\BasicOperations>csc basicoperations.cs
Microsoft (R) Visual C# Compiler version 2.2.0.61624
Copyright (C) Microsoft Corporation. All rights reserved.
```

```
D:\LabActivity2_Capuli\BasicOperations>basicoperations
Enter first number: 20
Enter second number: 23

Sum = 43.
Difference = -3.
Product = 460.
Quotient = 0.
Remainder = 20.
```

ComputeAverage

```
Developer Command Prompt for VS 2017 - computeaverage

D:\LabActivity2_Capuli>cd computeaverage

D:\LabActivity2_Capuli\ComputeAverage>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli\ComputeAverage

01/31/2020  04:08 PM    <DIR>          .
01/31/2020  04:08 PM    <DIR>          ..
01/31/2020  03:32 PM             189 App.config
01/31/2020  04:08 PM    <DIR>          bin
01/31/2020  04:04 PM             1,009 ComputeAverage.cs
01/31/2020  03:35 PM             2,344 ComputeAverage.csproj
01/31/2020  04:08 PM    <DIR>          obj
01/31/2020  04:08 PM    <DIR>          Properties
               3 File(s)                3,542 bytes
               5 Dir(s)  475,808,051,200 bytes free

D:\LabActivity2_Capuli\ComputeAverage>csc computeaverage.cs
Microsoft (R) Visual C# Compiler version 2.2.0.61624
Copyright (C) Microsoft Corporation. All rights reserved.

D:\LabActivity2_Capuli\ComputeAverage>computeaverage
Enter 5 grades:
78
89
92
99
80

The average is 87.600.
```

DeclaringConstants

```
Developer Command Prompt for VS 2017 - declaringconstants
*****
** Visual Studio 2017 Developer Command Prompt v15.0.26430.6
** Copyright (c) 2017 Microsoft Corporation
*****

C:\Program Files (x86)\Microsoft Visual Studio\2017\Community>cd\
C:\>d:
D:\>cd labactivity2_capuli
D:\LabActivity2_Capuli>cd DeclaringConstants
D:\LabActivity2_Capuli\DeclaringConstants>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli\DeclaringConstants

01/31/2020  04:08 PM    <DIR>          .
01/31/2020  04:08 PM    <DIR>          ..
01/31/2020  03:40 PM             189 App.config
01/31/2020  04:08 PM    <DIR>          bin
01/31/2020  03:53 PM             652 DeclaringConstants.cs
01/31/2020  03:45 PM          2,356 DeclaringConstants.csproj
01/31/2020  04:08 PM    <DIR>          obj
01/31/2020  04:08 PM    <DIR>          Properties
                3 File(s)              3,197 bytes
                5 Dir(s)  475,808,047,104 bytes free

D:\LabActivity2_Capuli\DeclaringConstants>csc declaringconstants.cs
Microsoft (R) Visual C# Compiler version 2.2.0.61624
Copyright (C) Microsoft Corporation. All rights reserved.

D:\LabActivity2_Capuli\DeclaringConstants>declaringconstants
Enter Radius: 5
Radius: 5.0000, Area: 78.5398
```

IfElse

```
Developer Command Prompt for VS 2017 - ifelse
D:\LabActivity2_Capuli>cd ifelse
D:\LabActivity2_Capuli\IfElse>dir
Volume in drive D has no label.
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli\IfElse

01/31/2020  04:08 PM    <DIR>          .
01/31/2020  04:08 PM    <DIR>          ..
01/31/2020  03:53 PM             189 App.config
01/31/2020  04:08 PM    <DIR>          bin
01/31/2020  04:00 PM             848 IfElse.cs
01/31/2020  03:58 PM          2,320 IfElse.csproj
01/31/2020  04:08 PM    <DIR>          obj
01/31/2020  04:08 PM    <DIR>          Properties
                3 File(s)              3,357 bytes
                5 Dir(s)  475,808,043,008 bytes free

D:\LabActivity2_Capuli\IfElse>csc ifelse.cs
Microsoft (R) Visual C# Compiler version 2.2.0.61624
Copyright (C) Microsoft Corporation. All rights reserved.

D:\LabActivity2_Capuli\IfElse>ifelse
Enter first number: 8
Enter second number: 5
8 is greater than 5. _
```

IfElse

```
Developer Command Prompt for VS 2017 - ifelse
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli

01/31/2020  04:08 PM    <DIR>          .
01/31/2020  04:08 PM    <DIR>          ..
01/31/2020  04:14 PM    <DIR>          BasicOperations
01/31/2020  04:17 PM    <DIR>          ComputeAverage
01/31/2020  04:10 PM    <DIR>          ComputetheSum
01/31/2020  04:19 PM    <DIR>          DeclaringConstants
01/31/2020  04:21 PM    <DIR>          IfElse
01/31/2020  03:58 PM                2,981 LabActivity2_Capuli.sln
               1 File(s)                2,981 bytes
               7 Dir(s)  475,808,038,912 bytes free

D:\LabActivity2_Capuli>cd ifelse

D:\LabActivity2_Capuli\IfElse>csc ifelse.cs
Microsoft (R) Visual C# Compiler version 2.2.0.61624
Copyright (C) Microsoft Corporation. All rights reserved.

D:\LabActivity2_Capuli\IfElse>ifelse
Enter first number: 5
Enter second number: 8

8 is greater than 5.
```

IfElse

```
Developer Command Prompt for VS 2017 - ifelse
Volume Serial Number is 7BB5-97B0

Directory of D:\LabActivity2_Capuli

01/31/2020  04:08 PM    <DIR>          .
01/31/2020  04:08 PM    <DIR>          ..
01/31/2020  04:14 PM    <DIR>          BasicOperations
01/31/2020  04:17 PM    <DIR>          ComputeAverage
01/31/2020  04:10 PM    <DIR>          ComputetheSum
01/31/2020  04:19 PM    <DIR>          DeclaringConstants
01/31/2020  04:21 PM    <DIR>          IfElse
01/31/2020  03:58 PM                2,981 LabActivity2_Capuli.sln
               1 File(s)                2,981 bytes
               7 Dir(s)  475,808,038,912 bytes free

D:\LabActivity2_Capuli>cd ifelse

D:\LabActivity2_Capuli\IfElse>csc ifelse.cs
Microsoft (R) Visual C# Compiler version 2.2.0.61624
Copyright (C) Microsoft Corporation. All rights reserved.

D:\LabActivity2_Capuli\IfElse>ifelse
Enter first number: 8
Enter second number: 8

8 is equal to 8.
```

Outputs

The screenshot displays the Microsoft Visual Studio interface with several console windows open, showing the outputs of different programs. The top window shows the output of a program that calculates the sum, difference, product, quotient, and remainder of two numbers. The middle window shows the output of a program that calculates the area of a circle given its radius. The bottom window shows the output of a program that compares two numbers. The right side of the interface shows the 'Output' window with a list of files and a search bar.

```
LabActivity2_Capuli (Running) - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Test Analyze Window Help

C:\Users\Julian Kyrene Capuli\Desktop\LabActivity2_Capuli\LabActivity2_Capuli.exe
Enter first number: 5
Enter second number: 2
Sum = 7

C:\Users\Julian Kyrene Capuli\Desktop\LabActivity2_Capuli\LabActivity2_Capuli.exe
Enter first number: 20
Enter second number: 23
Sum = 43.
Difference = -3.
Product = 460.
Quotient = 0.
Remainder = 20.

C:\Users\Julian Kyrene Capuli\Desktop\LabActivity2_Capuli\LabActivity2_Capuli.exe
Enter 5 grades:
78
89
92
99
80
The average is 87.600.

C:\Users\Julian Kyrene Capuli\Desktop\LabActivity2_Capuli\LabActivity2_Capuli.exe
Enter Radius: 5
Radius: 5.0000, Area: 78.5398

C:\Users\Julian Kyrene Capuli\Desktop\LabActivity2_Capuli\LabActivity2_Capuli.exe
Enter first number: 8
Enter second number: 5
8 is greater than 5.

C:\Users\Julian Kyrene Capuli\Desktop\LabActivity2_Capuli\LabActivity2_Capuli.exe
Enter first number: 5
Enter second number: 8
8 is greater than 5.

C:\Users\Julian Kyrene Capuli\Desktop\LabActivity2_Capuli\LabActivity2_Capuli.exe
Enter first number: 8
Enter second number: 8
8 is equal to 8.
```