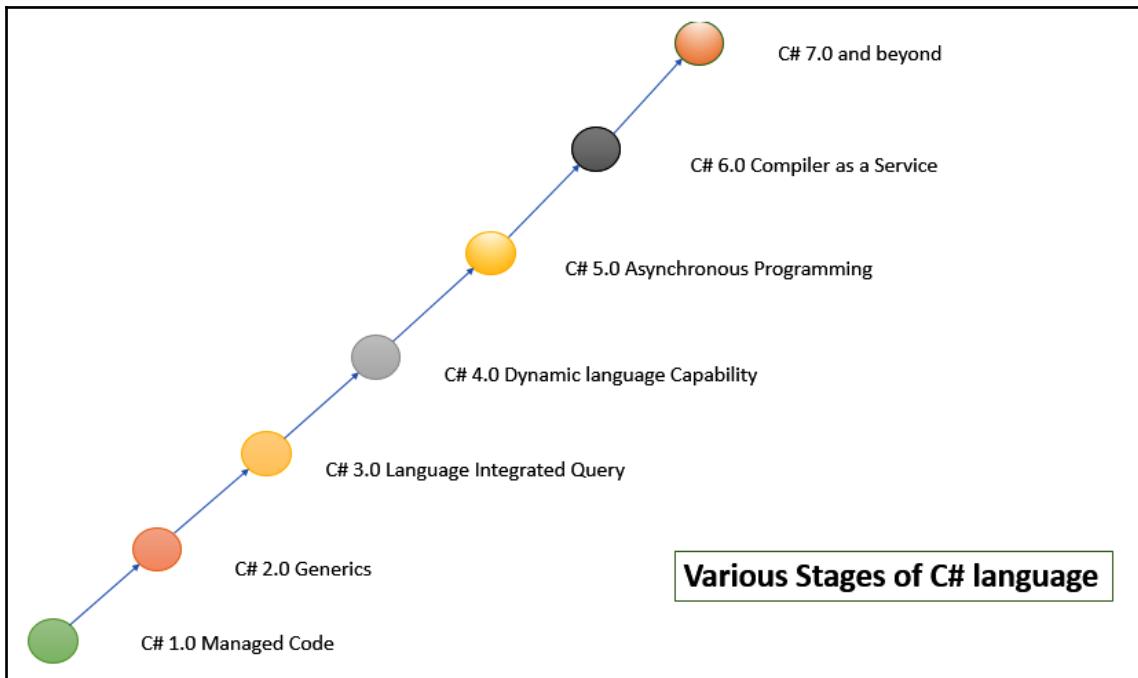
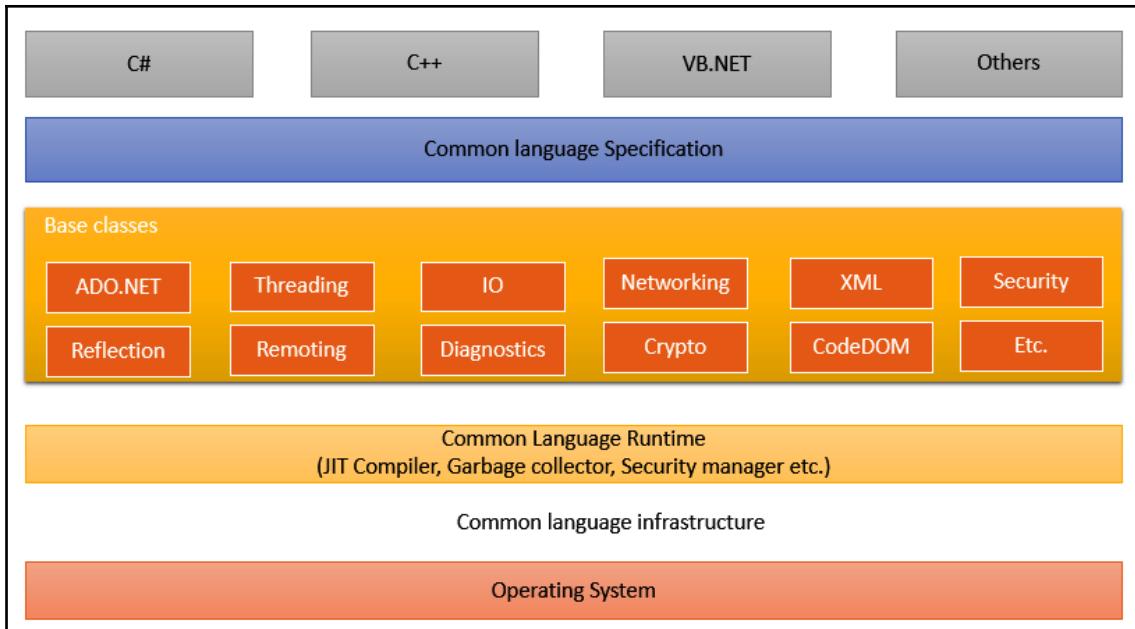


Graphic Bundle

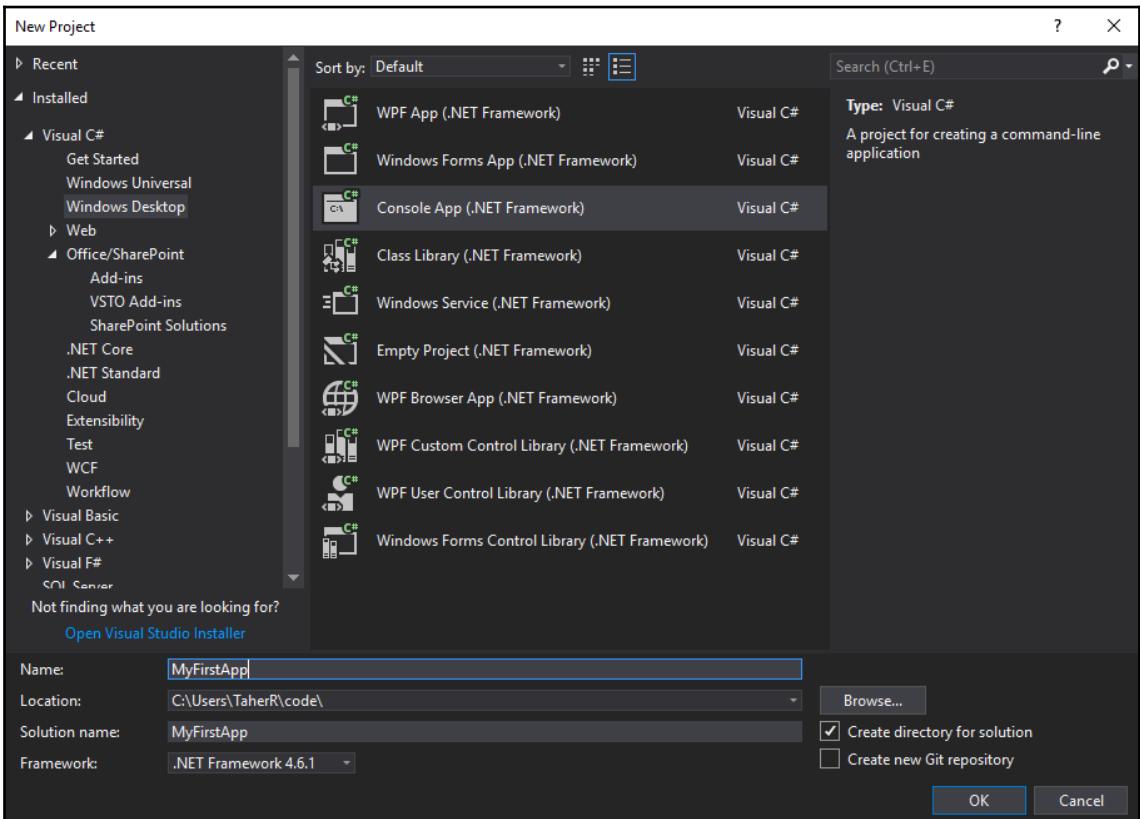
Chapter 1: Overview of C# as a Language

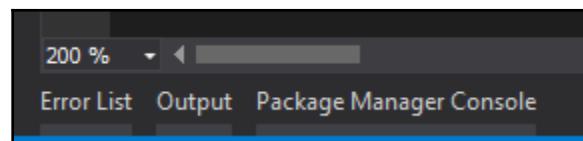
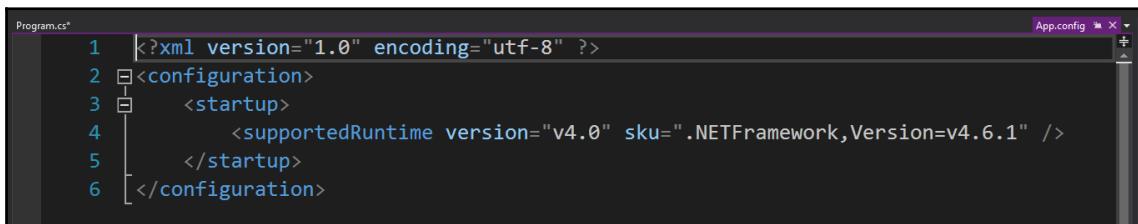
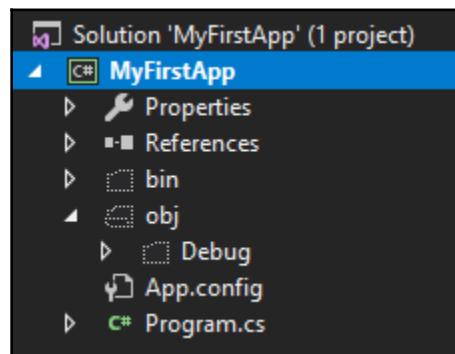
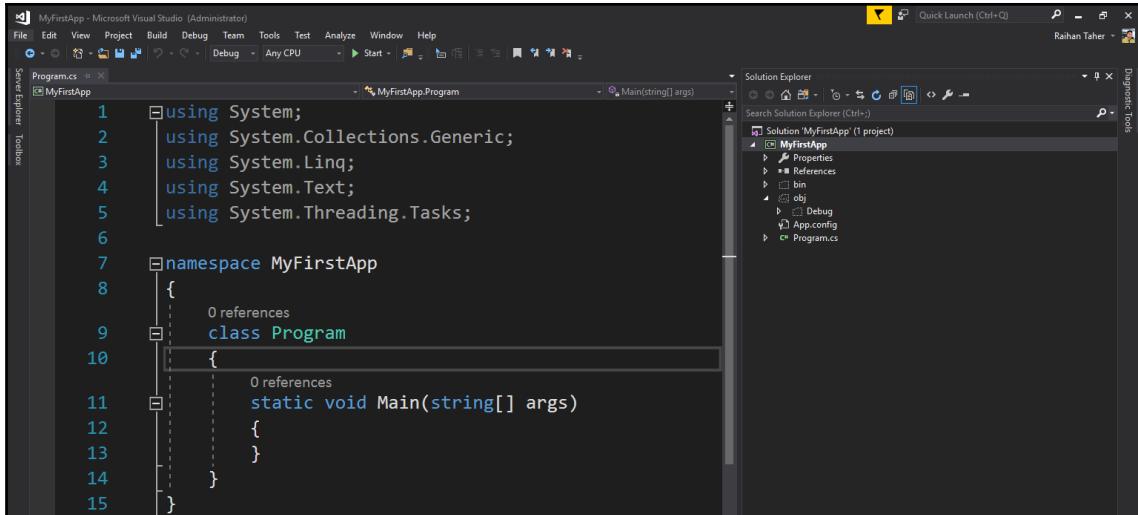




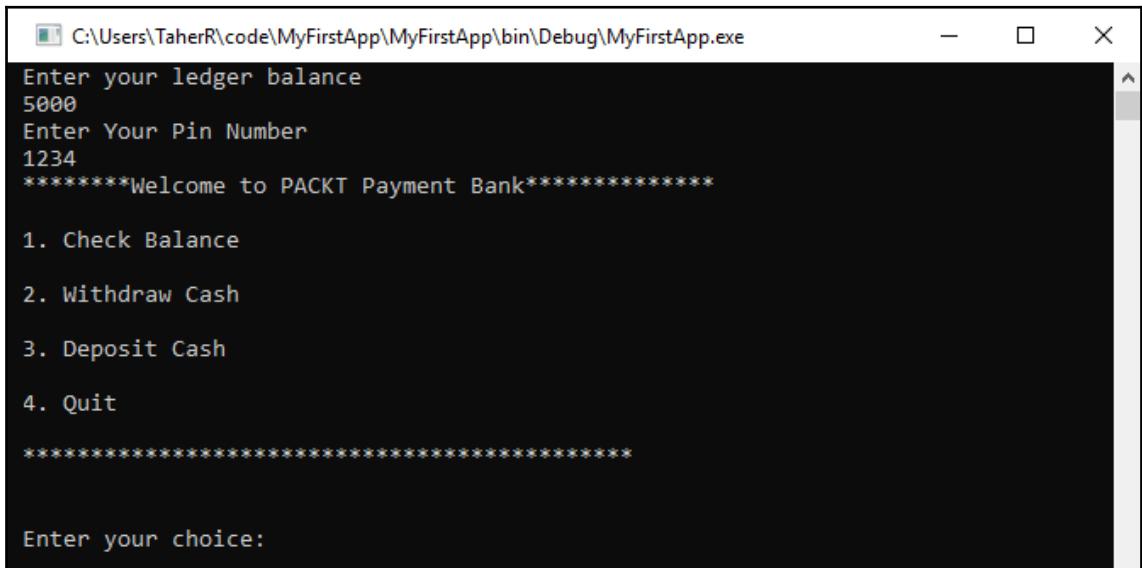
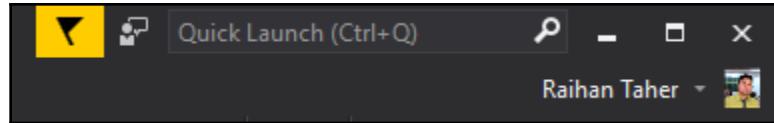
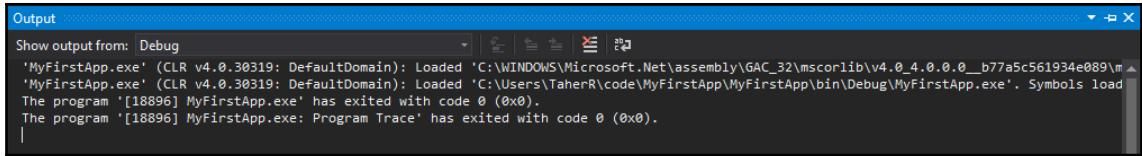
```
Setting environment for using Microsoft Visual Studio 2017 x86 tools.  
C:\Program Files Microsoft Visual Studio 14.0\VC>D:  
D:\>cd csharp  
D:\csharp>csc Program.cs  
Microsoft Visual C# 2017 Compiler version 4.6.30729.4926 for Microsoft .NET Framework version 4.6.1 Copyright Microsoft  
Corporation. All rights reserved.  
D:\csharp> __
```

```
Setting environment for using Microsoft Visual Studio 2017 x86 tools.  
C:\Program Files Microsoft Visual Studio 14.0\VC>D:  
D:\>cd csharp  
D:\csharp>csc Program.cs  
Microsoft Visual C# 2017 Compiler version 4.6.30729.4926 for Microsoft .NET Framework version 4.6.1 Copyright Microsoft  
Corporation. All rights reserved.  
D:\csharp>Program.exe  
Enter a Number :  
123  
Sum of Digits of the Number : 6
```





Graphic Bundle



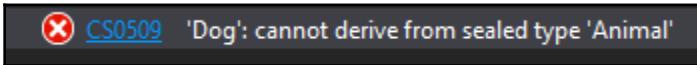
The screenshot shows a code editor with a dark theme displaying a C# program named `MyFirstApp`. The code implements a simple ATM-like application. It prompts for ledger balance and PIN, checks if the PIN is 1234, and then displays a menu with four options: Check Balance, Withdraw Cash, Deposit Cash, and Quit. The code uses `Console.WriteLine` and `int.Parse` for input/output and type conversion.

```
14  
15     Console.WriteLine("Enter your ledger balance");  
16     balance = int.Parse(Console.ReadLine());  
17     Console.WriteLine("Enter Your Pin Number ");  
18     pin = int.Parse(Console.ReadLine());  
19     if (pin != 1234)  
20     {  
21         Console.WriteLine("Invalid PIN");  
22         Console.ReadKey(false);  
23         return;  
24     }  
25     while (choice != 4)  
26     {  
27         Console.WriteLine("*****Welcome to PACKT Payment Bank*****\n");  
28         Console.WriteLine("1. Check Balance\n");  
29         Console.WriteLine("2. Withdraw Cash\n");  
30         Console.WriteLine("3. Deposit Cash\n");  
31         Console.WriteLine("4. Quit\n");  
32         Console.WriteLine("*****\n\n");  
33         Console.WriteLine("Enter your choice: ");  
34         choice = int.Parse(Console.ReadLine());  
    }
```

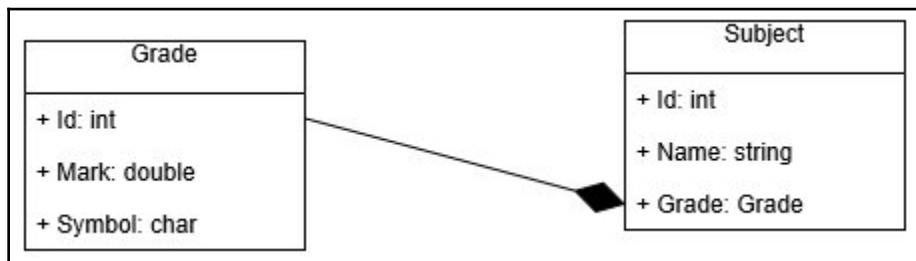
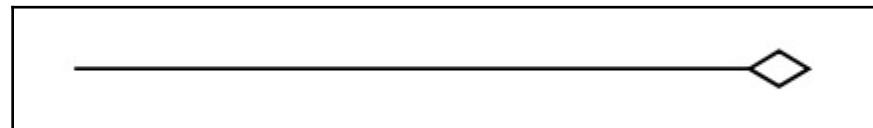
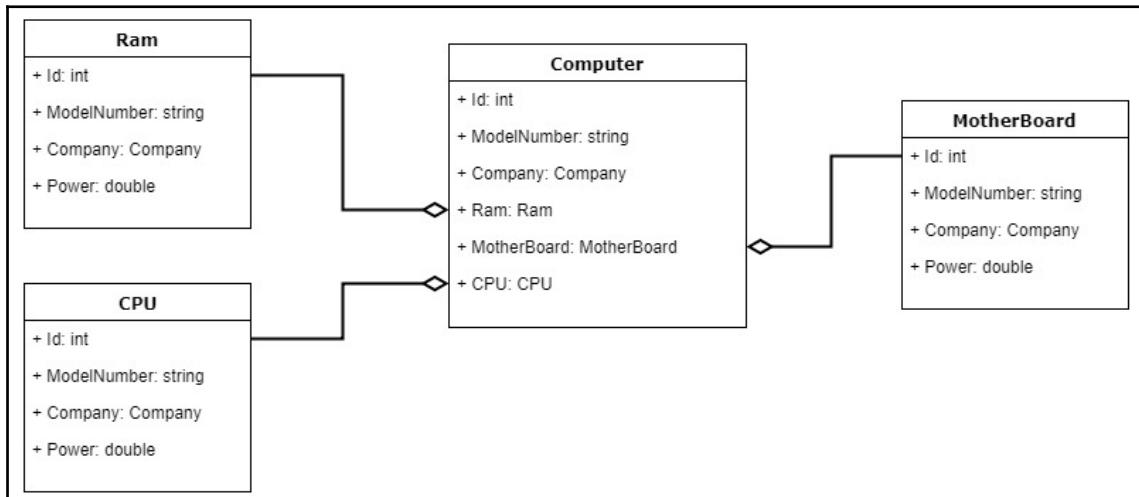
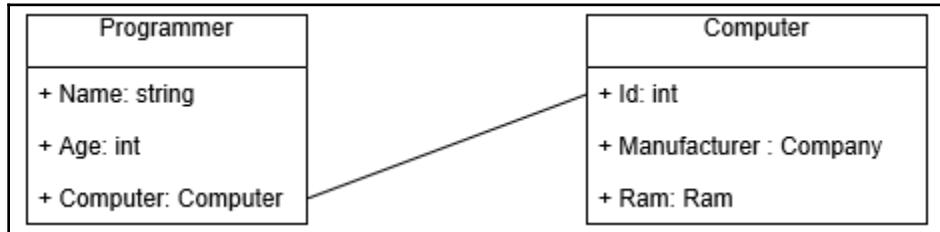
The Locals window at the bottom shows the current values of variables:

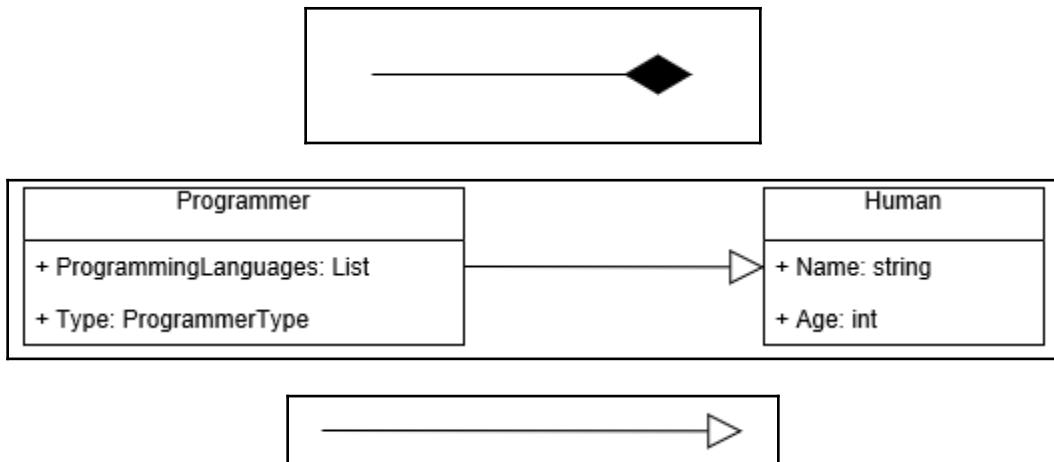
Name	Type	Value
args	string[]	{String[0]}
balance	int	5000
depositAmt	int	0
withdrawAmt	int	0
choice	int	0
pin	int	1234

Chapter 3: Implementation of OOP in C#



Chapter 4: Object Collaboration





Chapter 5: Exception Handling

```
You are the boss!
Divide by zero System.DivideByZeroException: Attempted to divide by zero.
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 12
See, i told you!
```

```
Divide by zero System.DivideByZeroException: Attempted to divide by zero.
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 13
I am the finally block i will run by hook or by crook!
```

```
Message:
Attempted to divide by zero.
Stack Trace:
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 13
String:
System.DivideByZeroException: Attempted to divide by zero.
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 13
```

```
Message:
Index was outside the bounds of the array.
Stack Trace:
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 13
String:
System.IndexOutOfRangeException: Index was outside the bounds of the array.
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 13
```

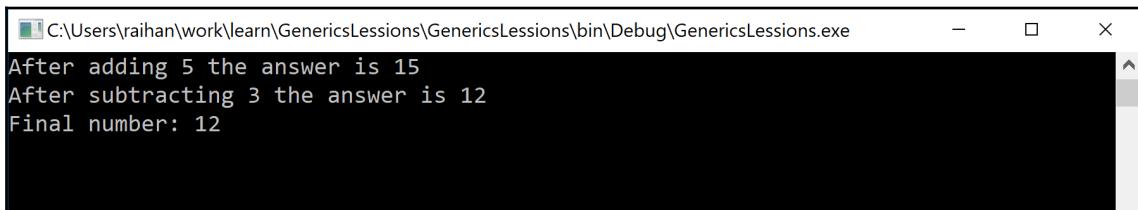
**Exception Message:
Hello is an exception!**

```
Message:
Index was outside the bounds of the array.
Stack Trace:
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 14
String:
System.IndexOutOfRangeException: Index was outside the bounds of the array.
  at ExceptionCode.Program.Main(String[] args) in C:\Users\TaherR\code\hello\ExceptionCode\ExceptionCode\Program.cs:line 14
```

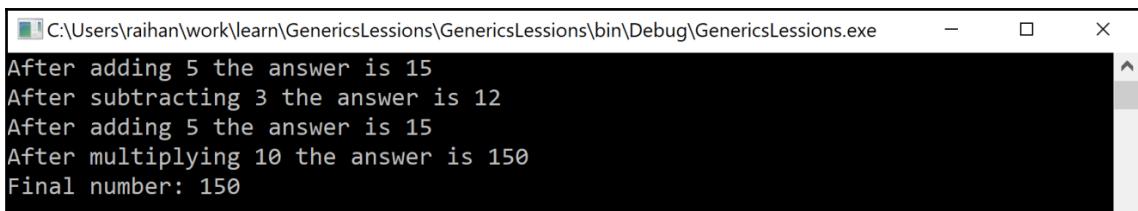
Chapter 6: Events and Delegates



```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
add
9
sub
1
```



```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
After adding 5 the answer is 15
After subtracting 3 the answer is 12
Final number: 12
```



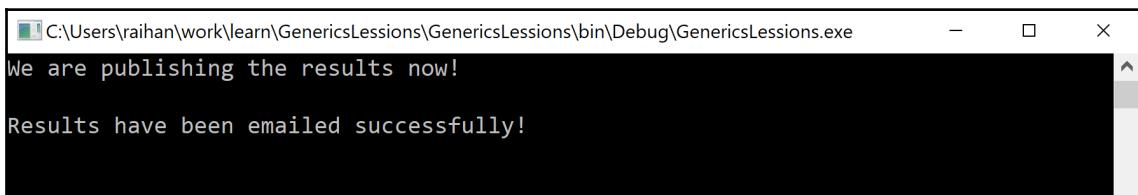
```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
After adding 5 the answer is 15
After subtracting 3 the answer is 12
After adding 5 the answer is 15
After multiplying 10 the answer is 150
Final number: 150
```



```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
The value is 2
```

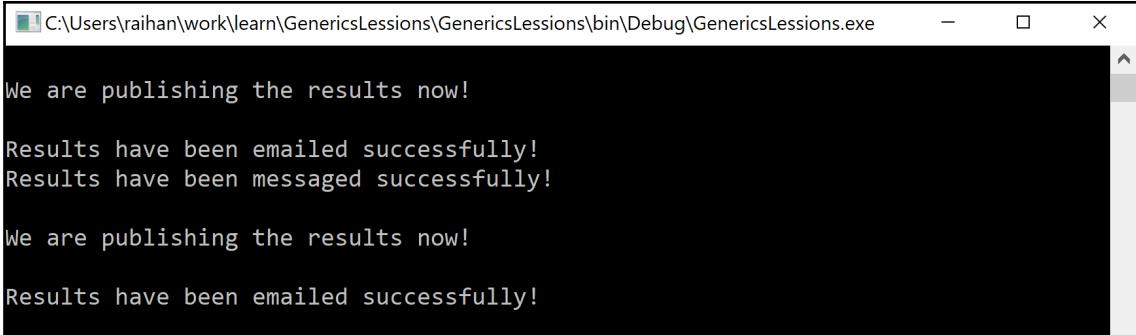


```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
Method WorkA called:
The value is 25
```

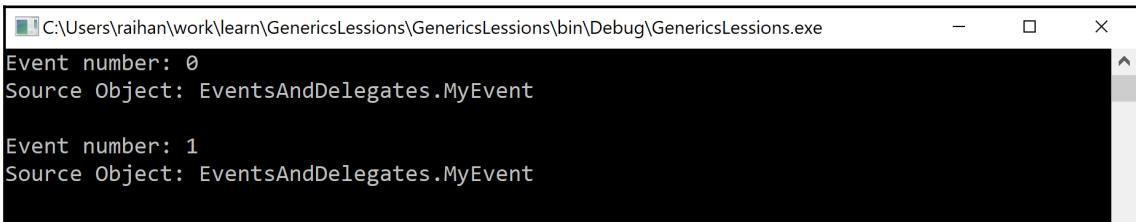


```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
We are publishing the results now!
Results have been emailed successfully!
```

Graphic Bundle



```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
We are publishing the results now!
Results have been emailed successfully!
Results have been messaged successfully!
We are publishing the results now!
Results have been emailed successfully!
```



```
C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe
Event number: 0
Source Object: EventsAndDelegates.MyEvent

Event number: 1
Source Object: EventsAndDelegates.MyEvent
```

Chapter 7: Generics in C#

```
[C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe]
```

The type is System.Int32

The price is 55

```
[C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe]
```

The type is System.Int32

the price is 55

The type is System.String

the string is Hello People

```
[C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe]
```

The type is System.Int32

the price is 55

```
[C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe]
```

The Large value is 4

The Double Large value is 5.6



C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe

The Large value is 4

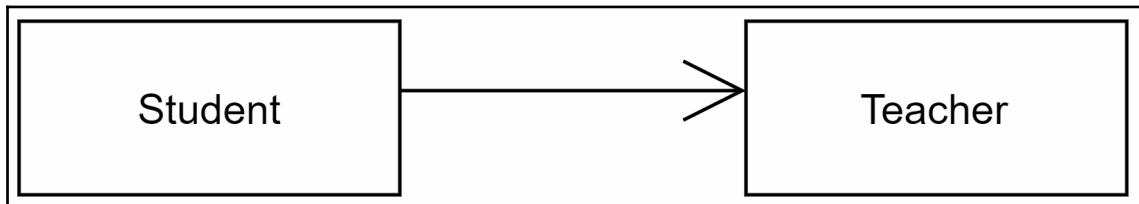
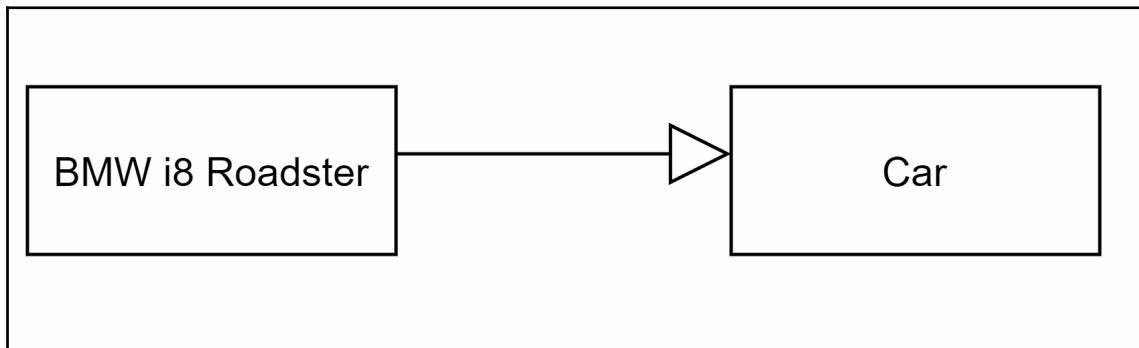
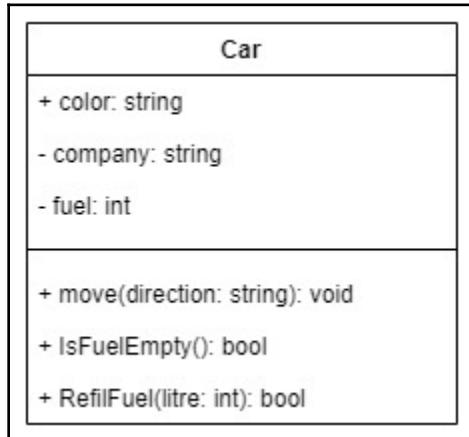
The Double Large value is 5.6

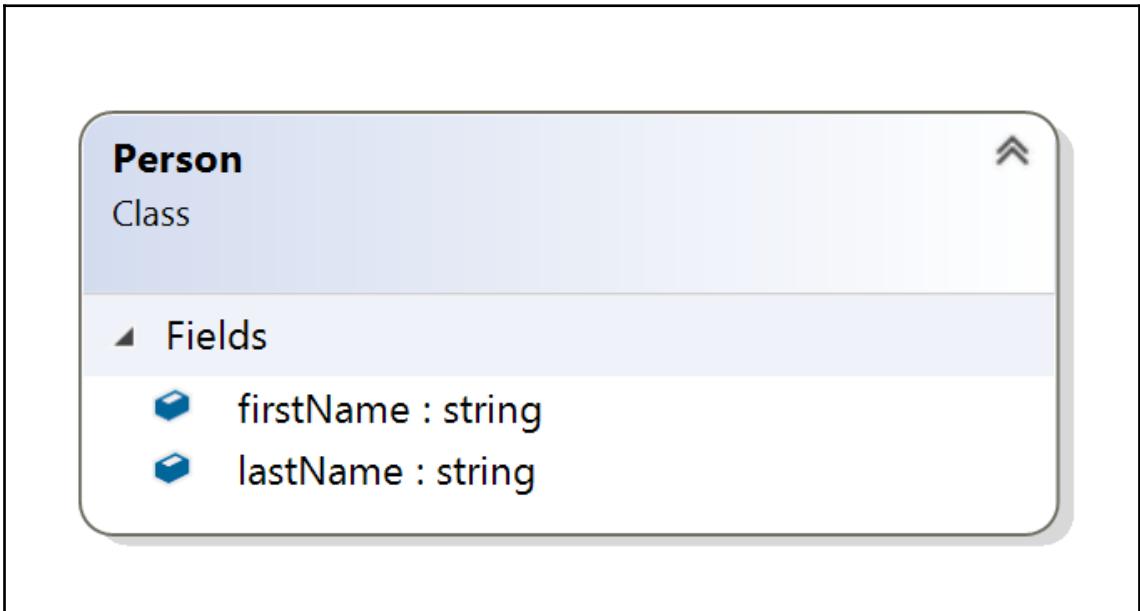
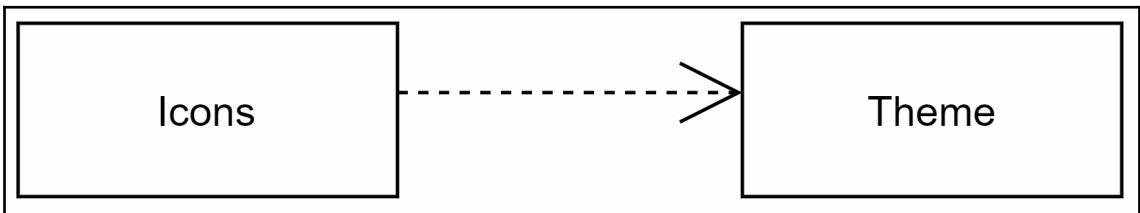
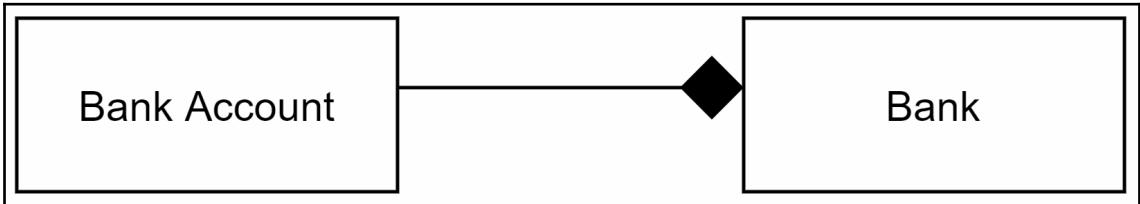
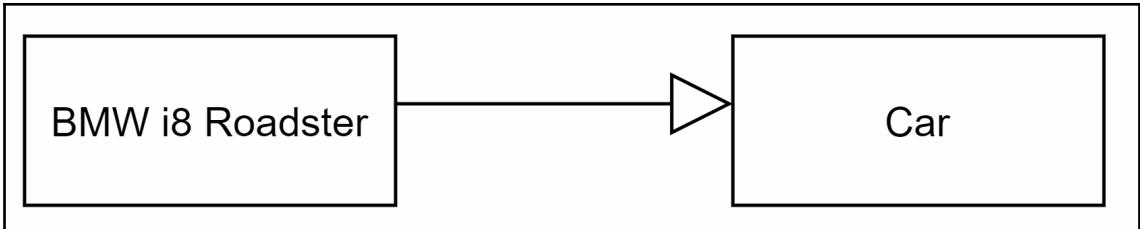


C:\Users\raihan\work\learn\GenericsLessons\GenericsLessons\bin\Debug\GenericsLessons.exe

This is Potato

Chapter 8: Modeling and Designing Software





Teacher

Class

Fields

- cube icon email : string
- cube icon phoneNumber : string
- cube icon teacherId : int

Methods

- cube icon GiveExamGrade(int studentId, Subject sub, char grade) : void

Student

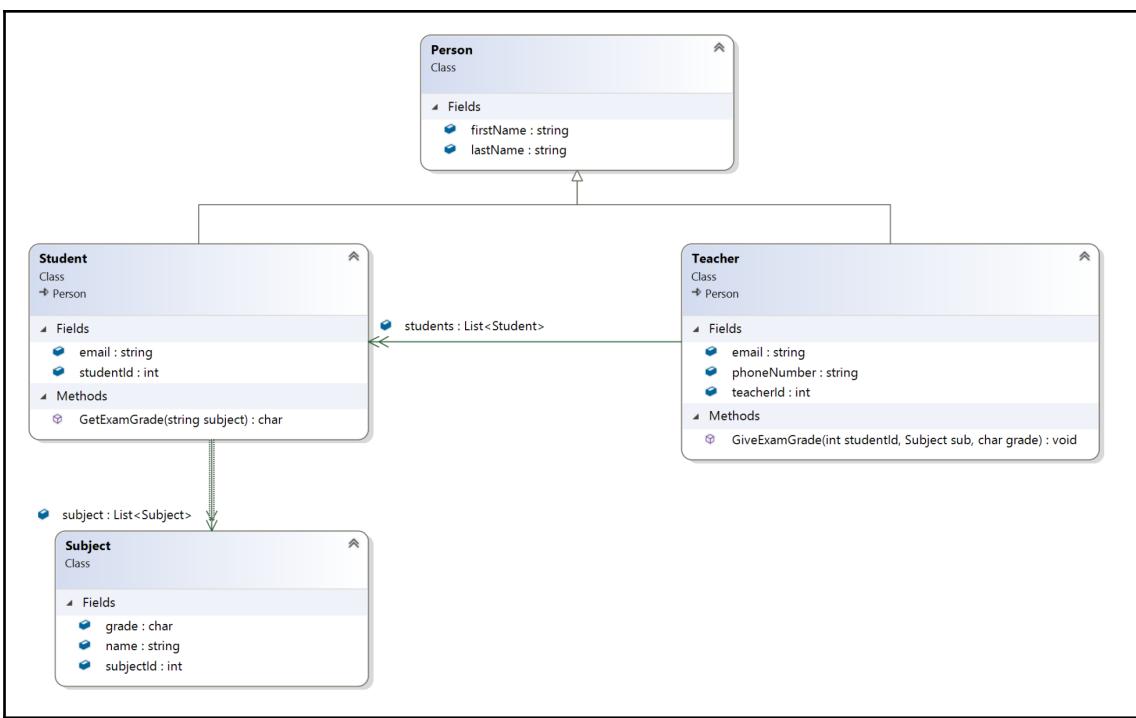
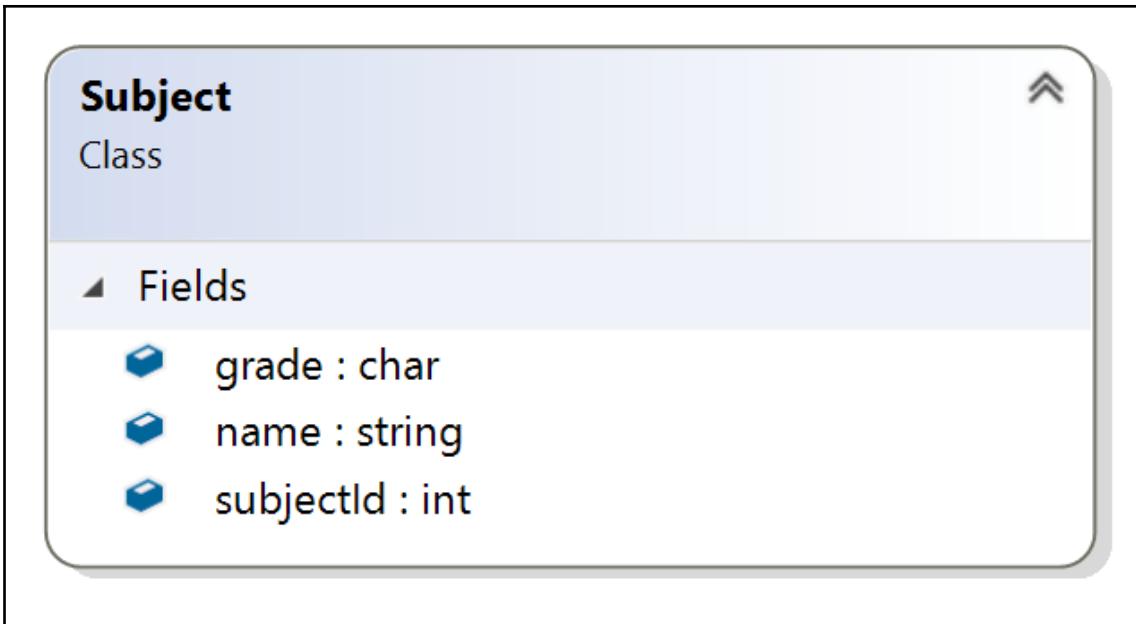
Class

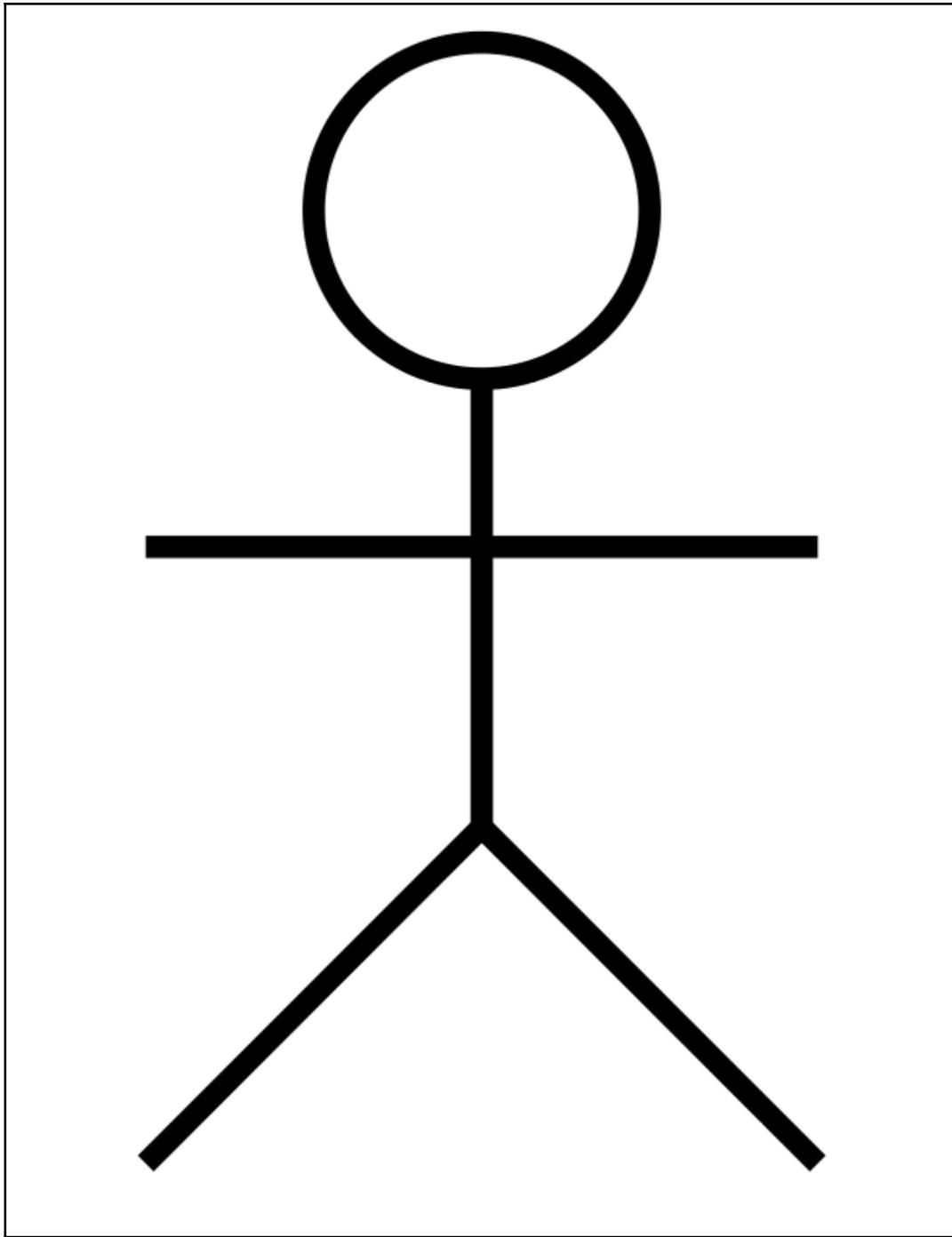
Fields

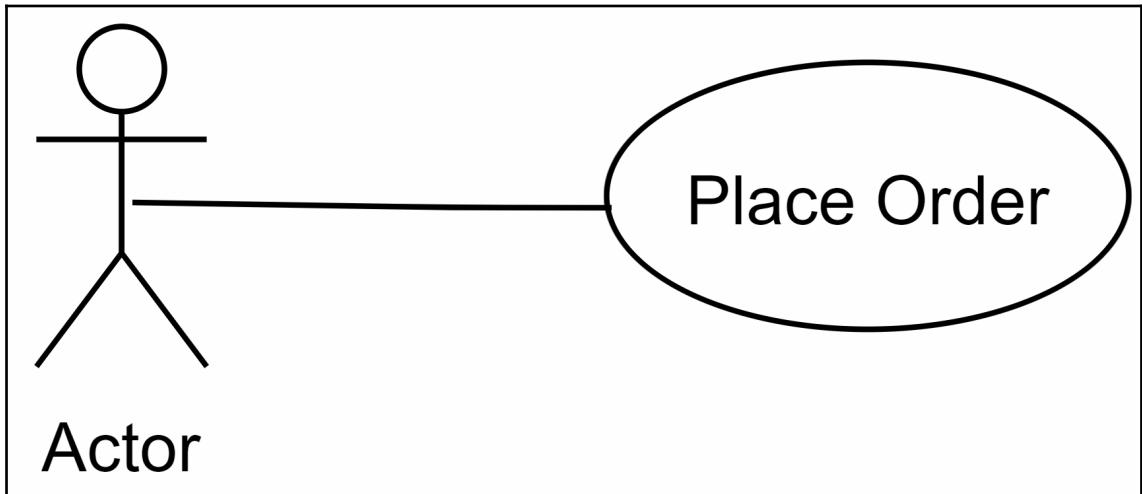
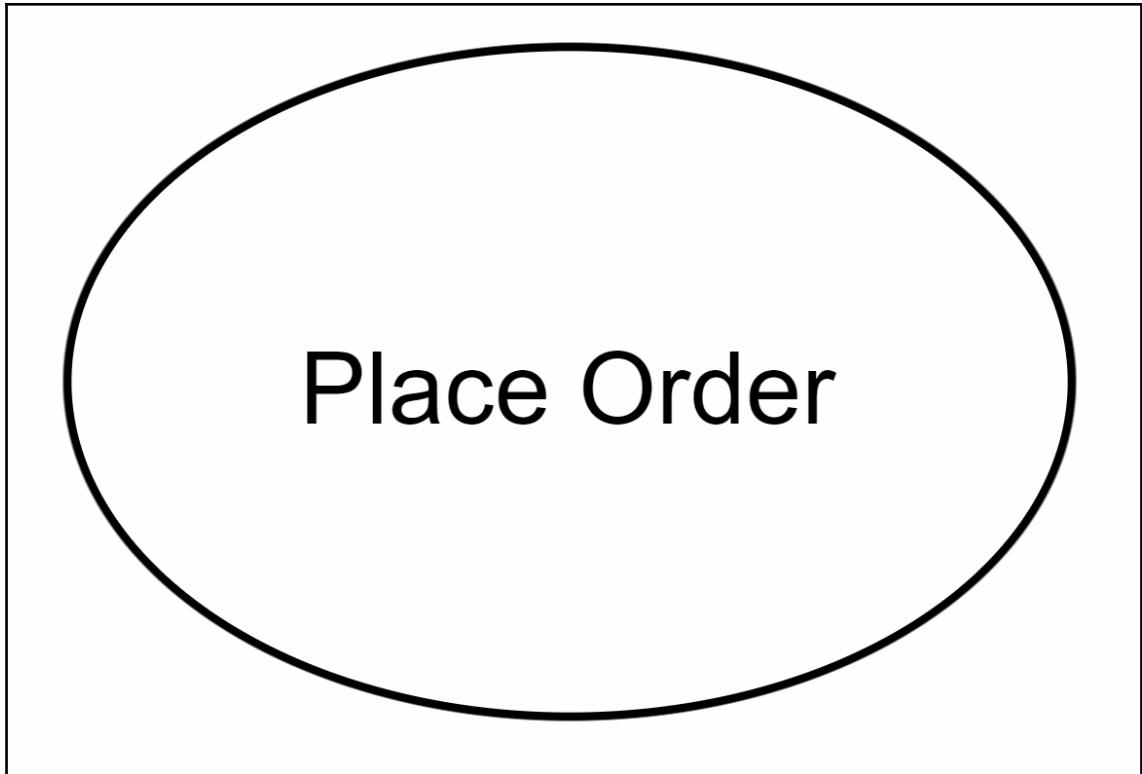
- cube icon email : string
- cube icon studentId : int

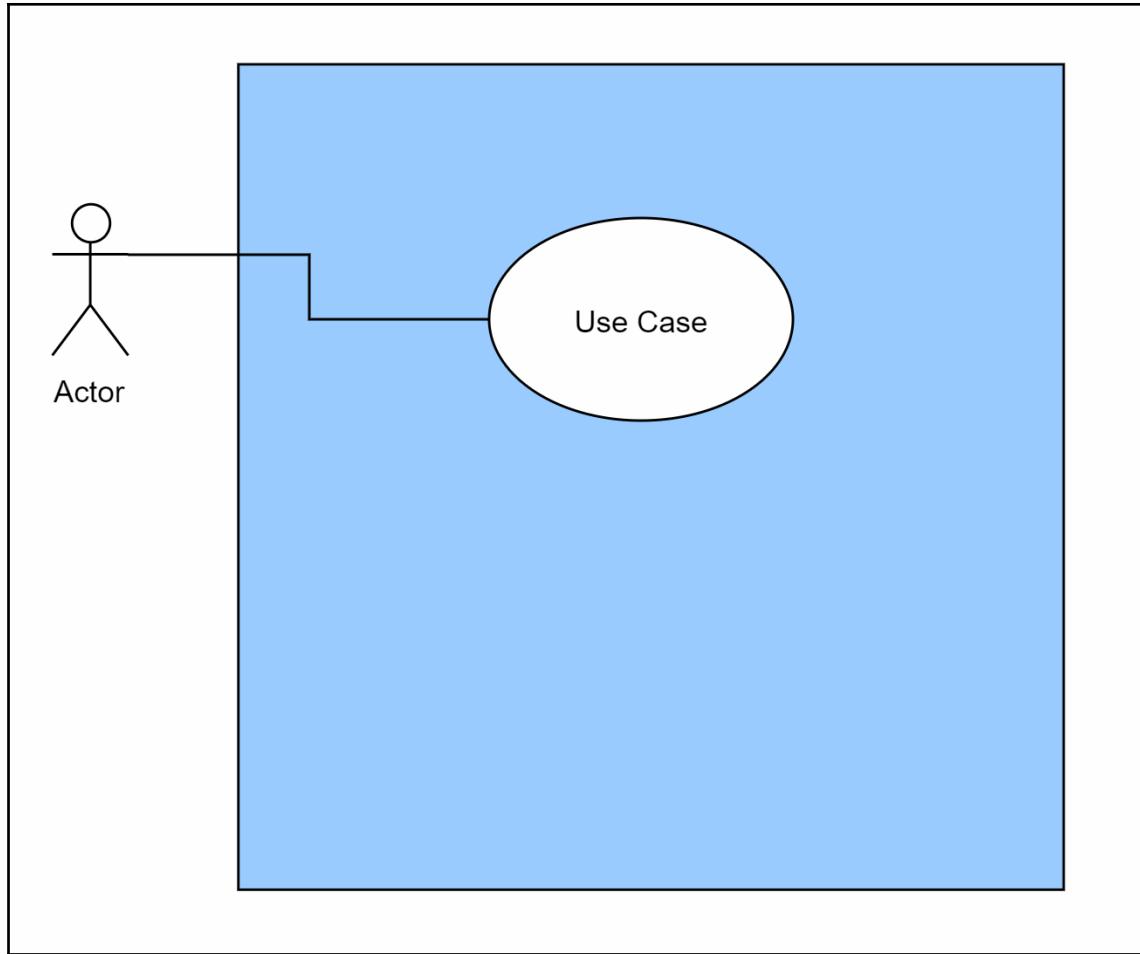
Methods

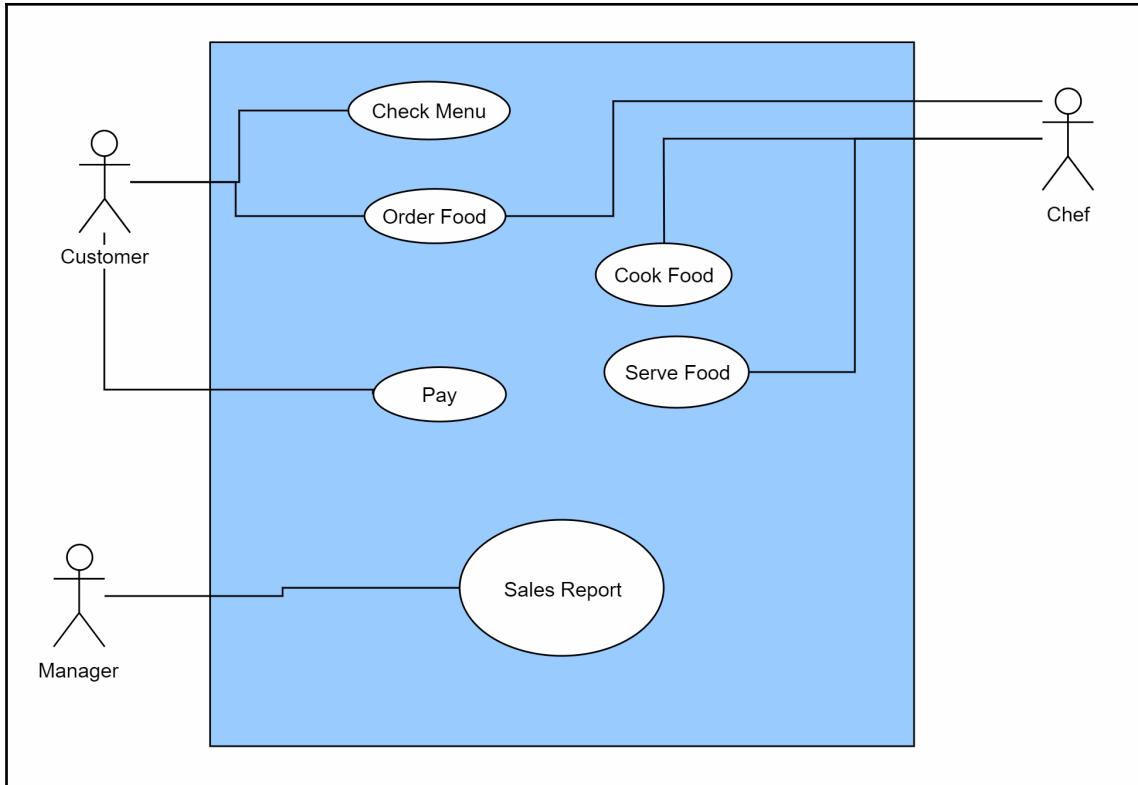
- cube icon GetExamGrade(string subject) : char

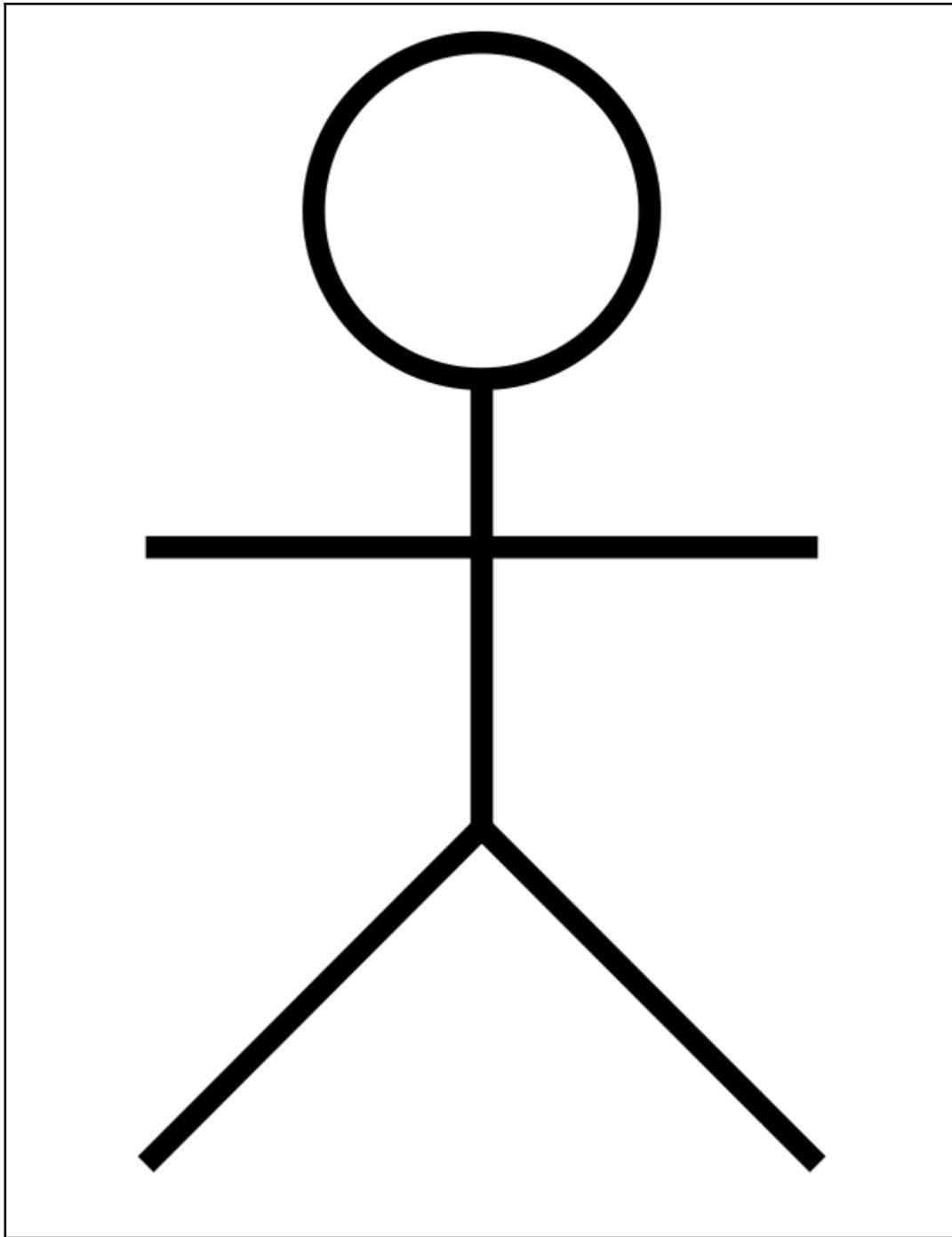


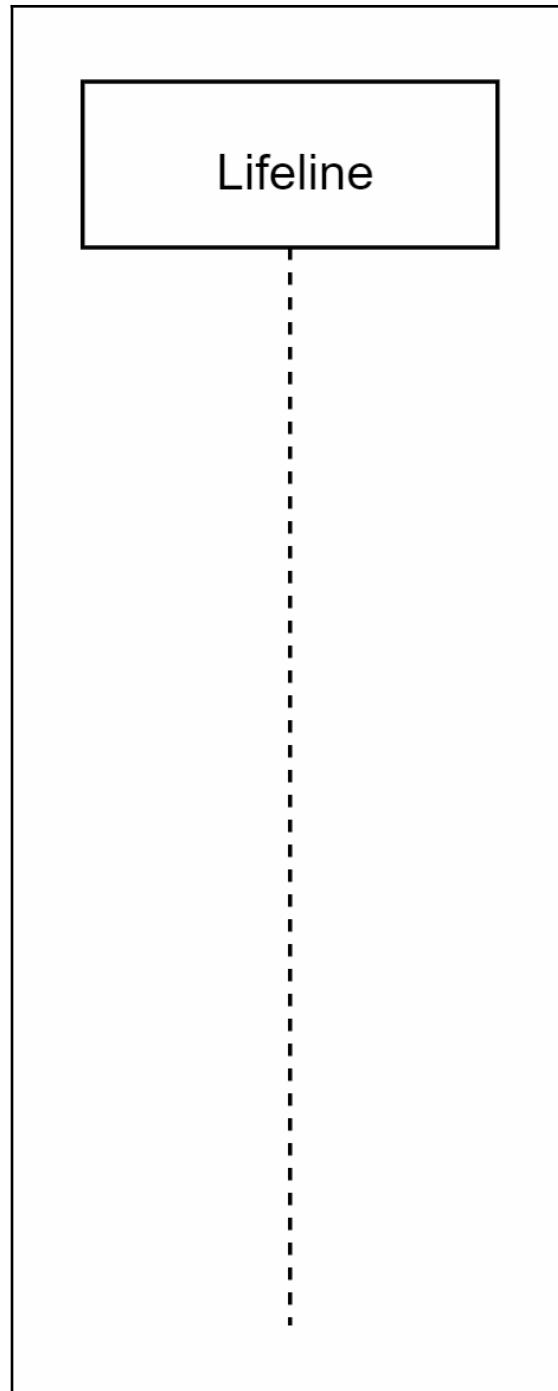


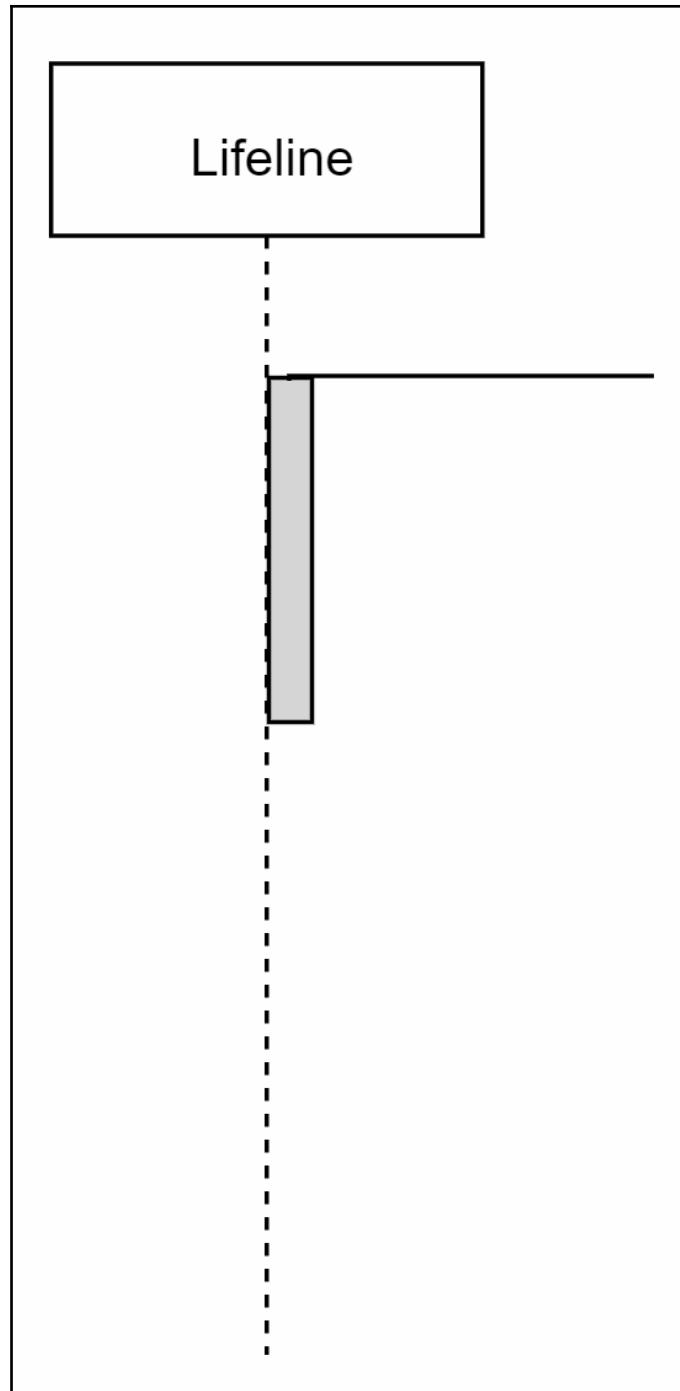


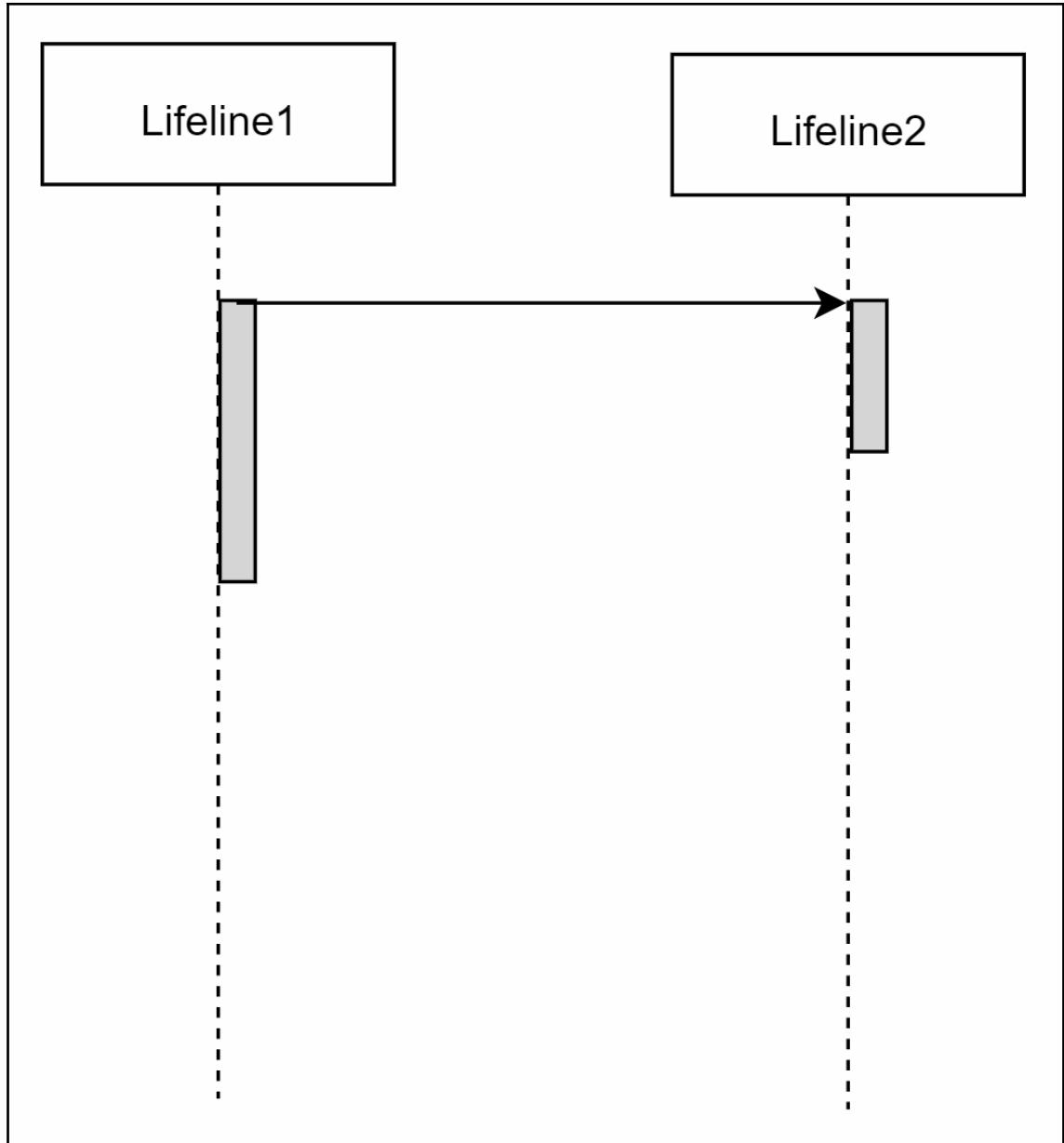


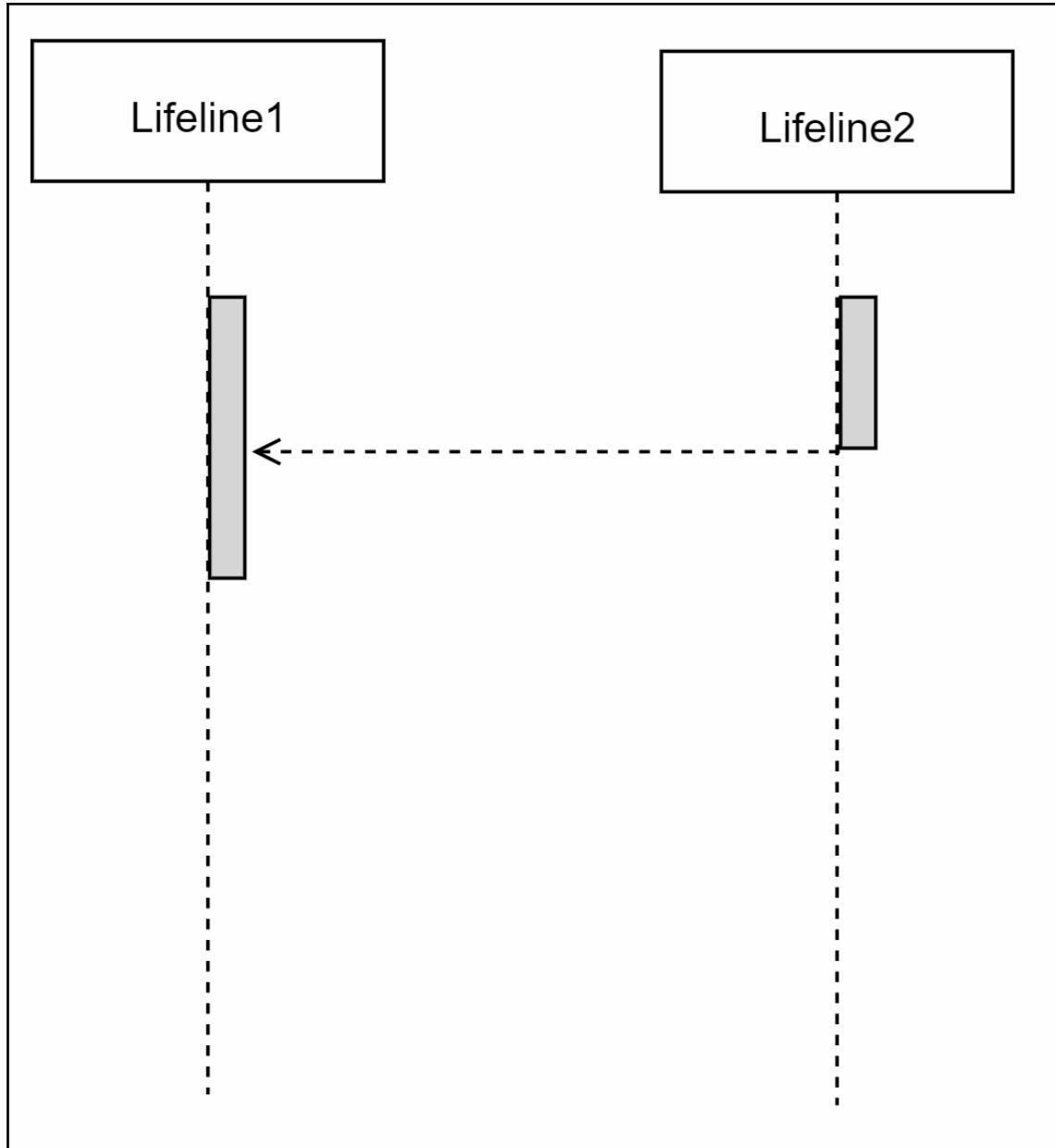


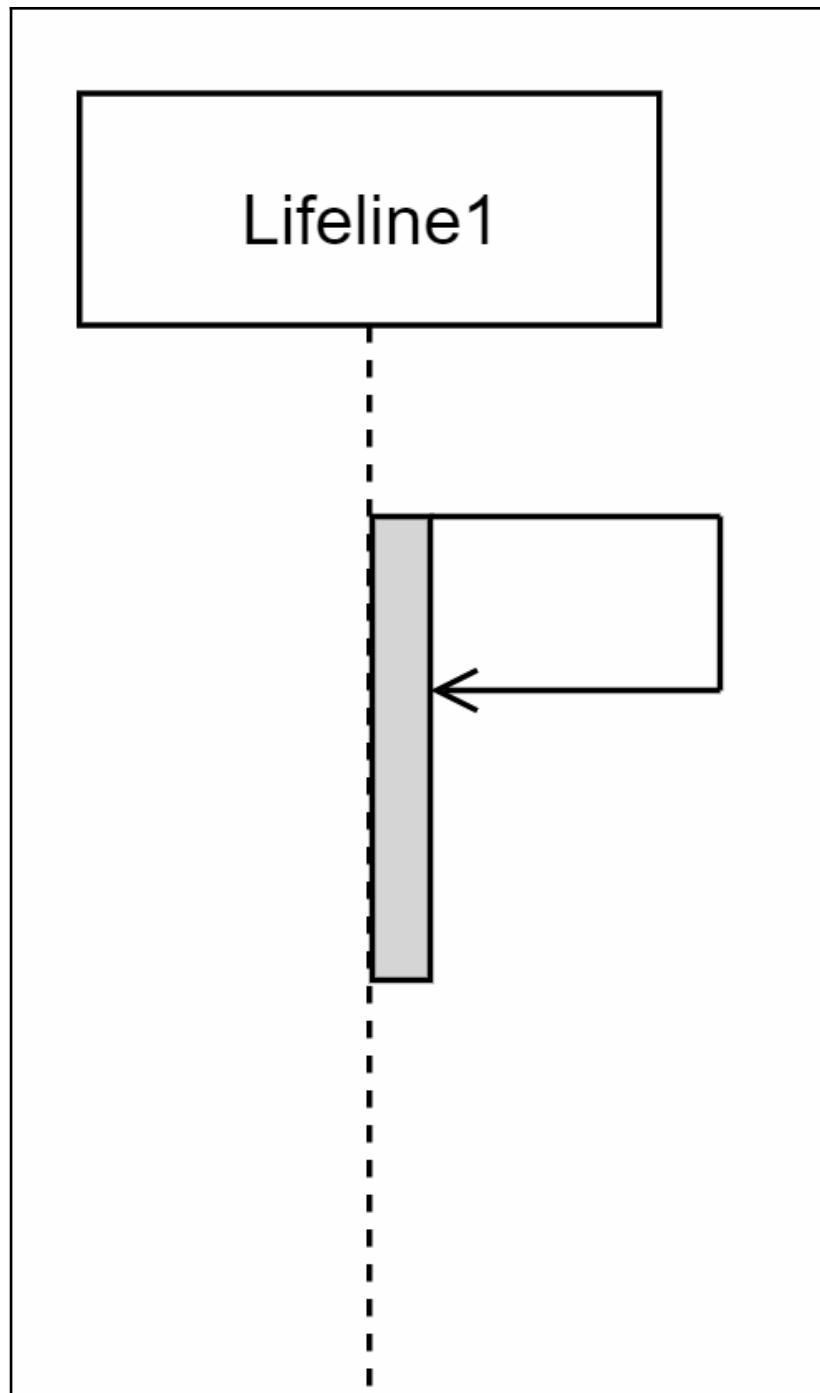


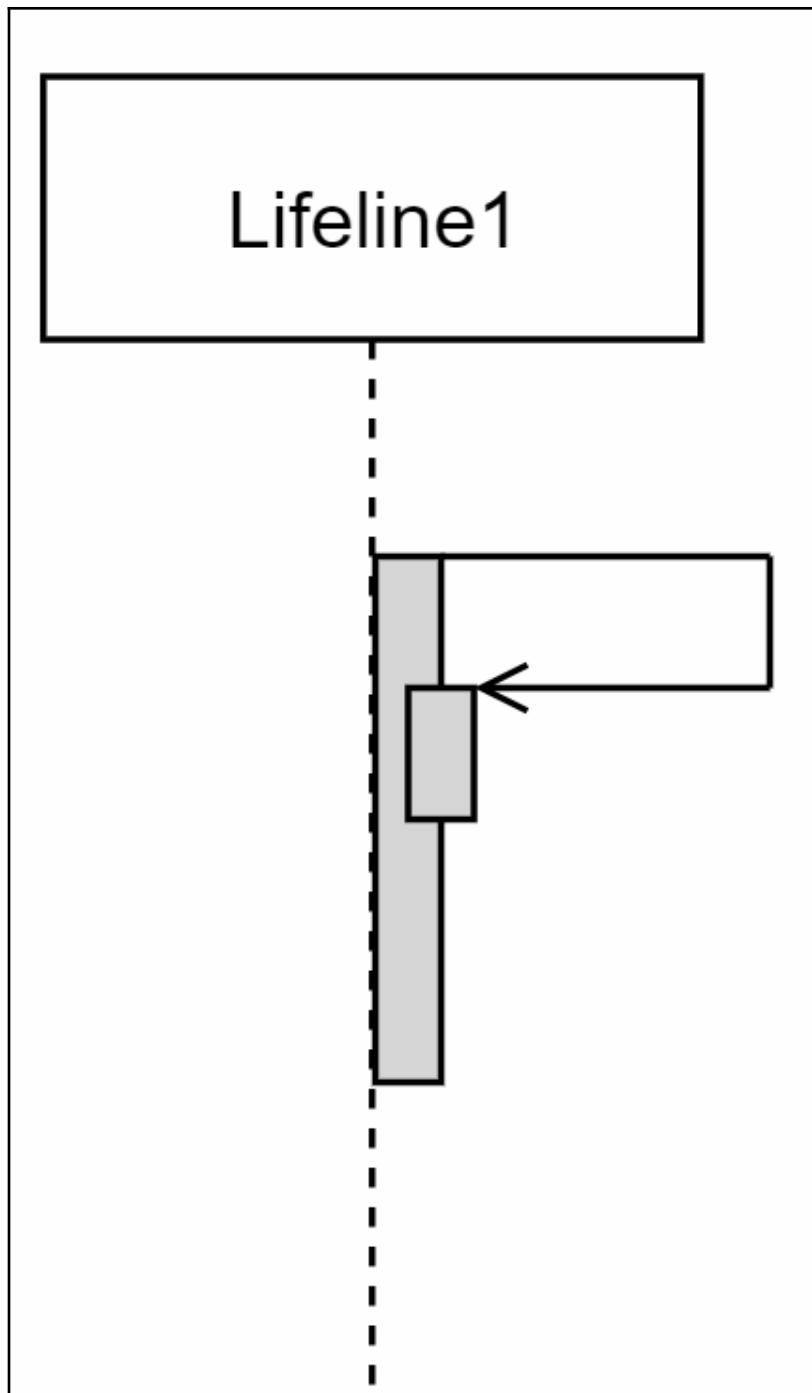


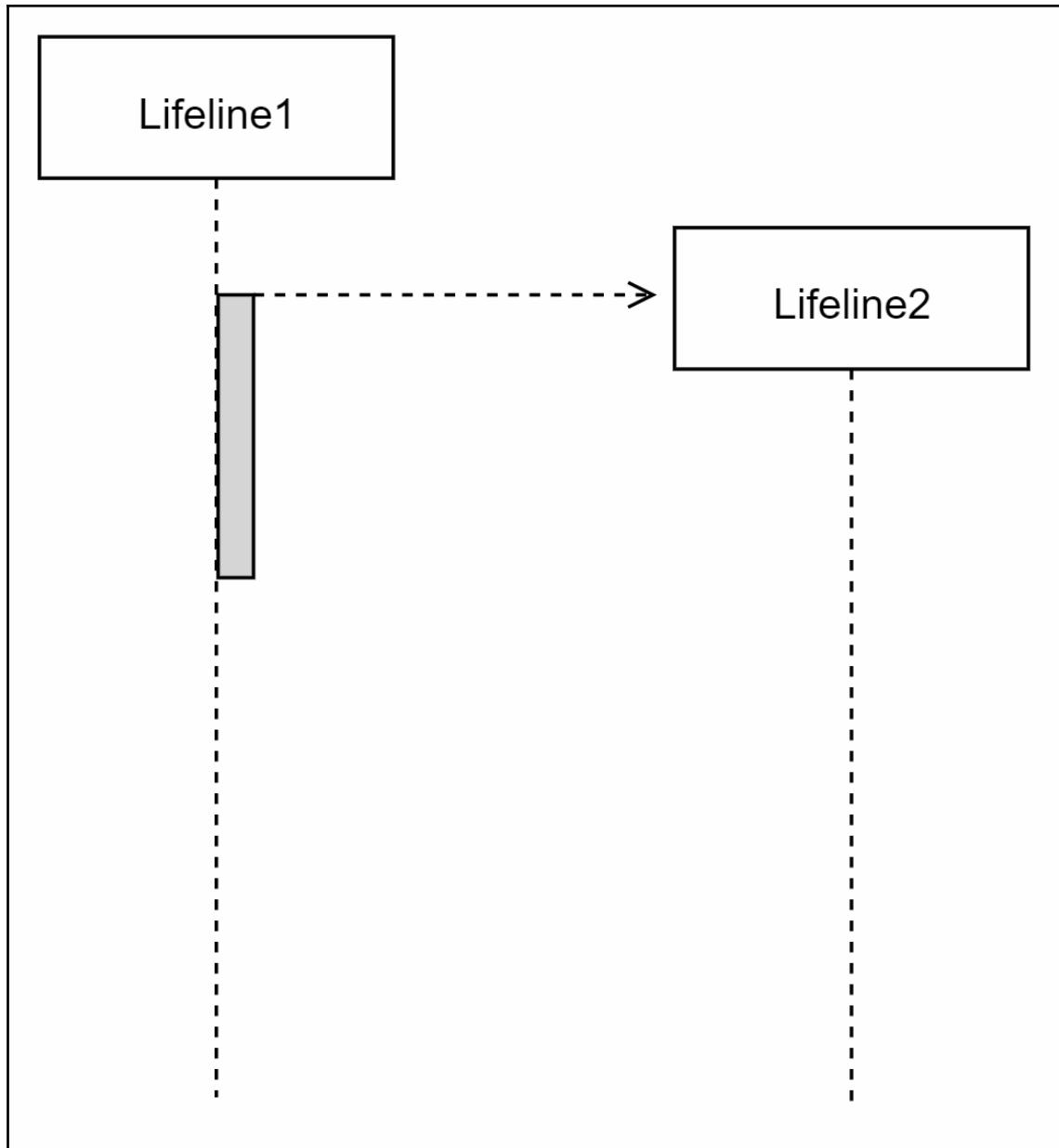


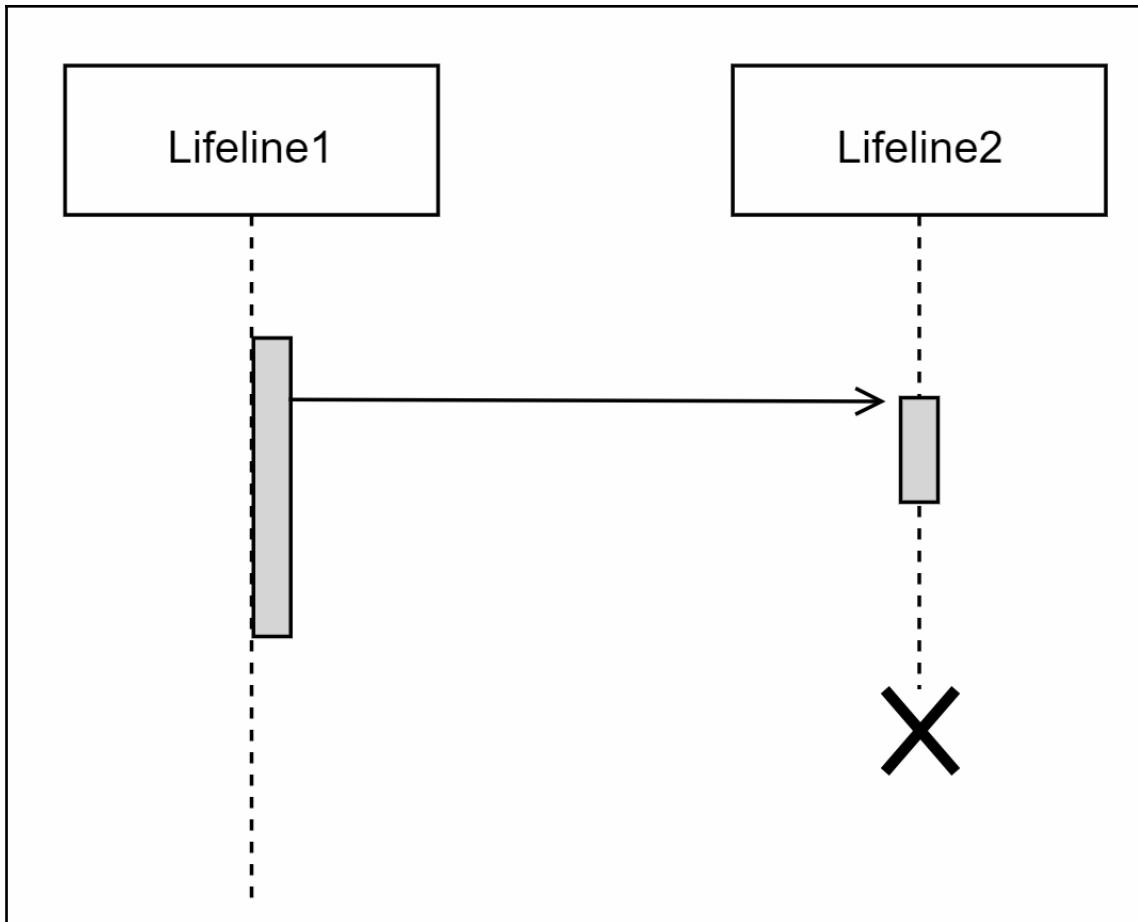


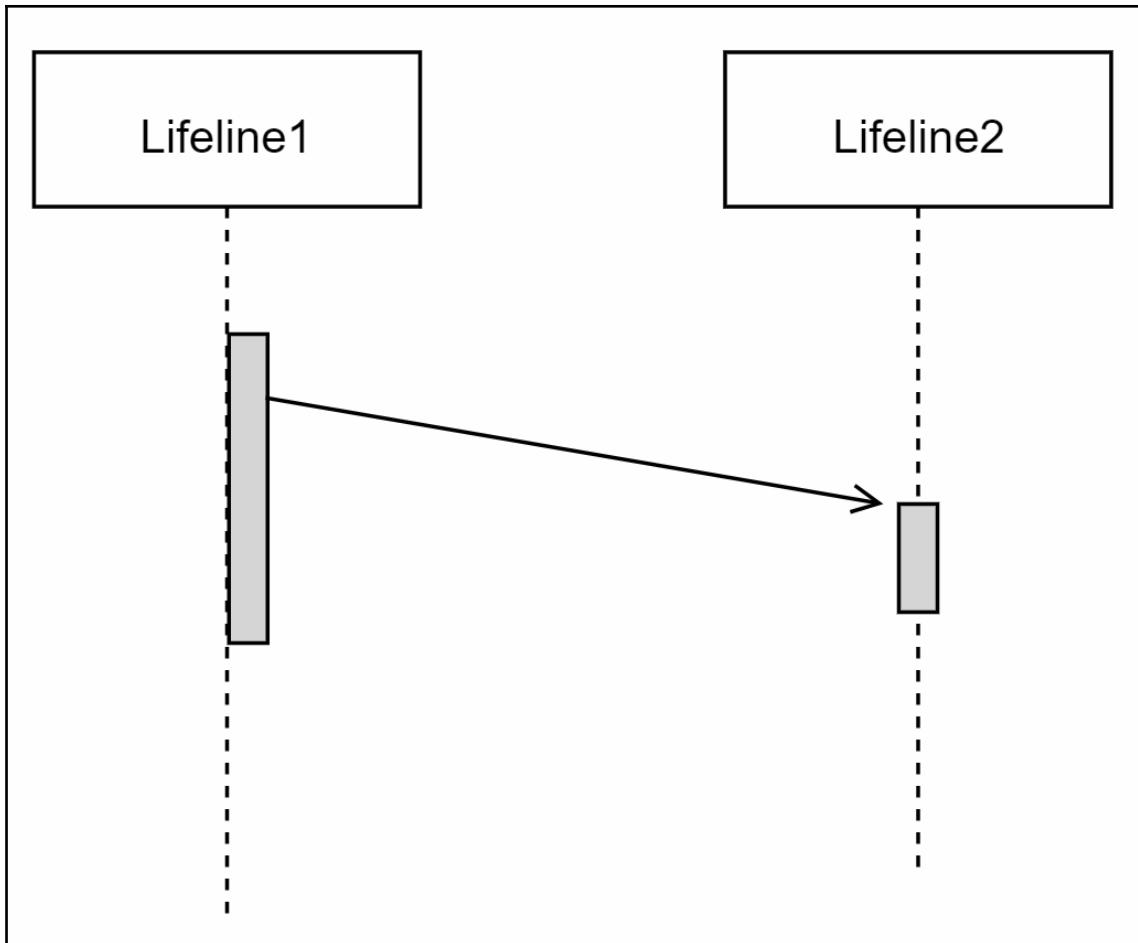


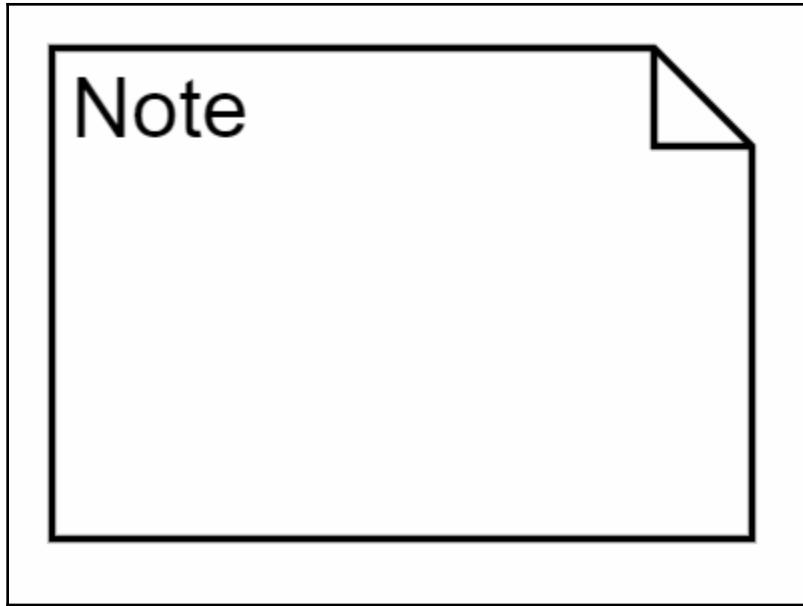


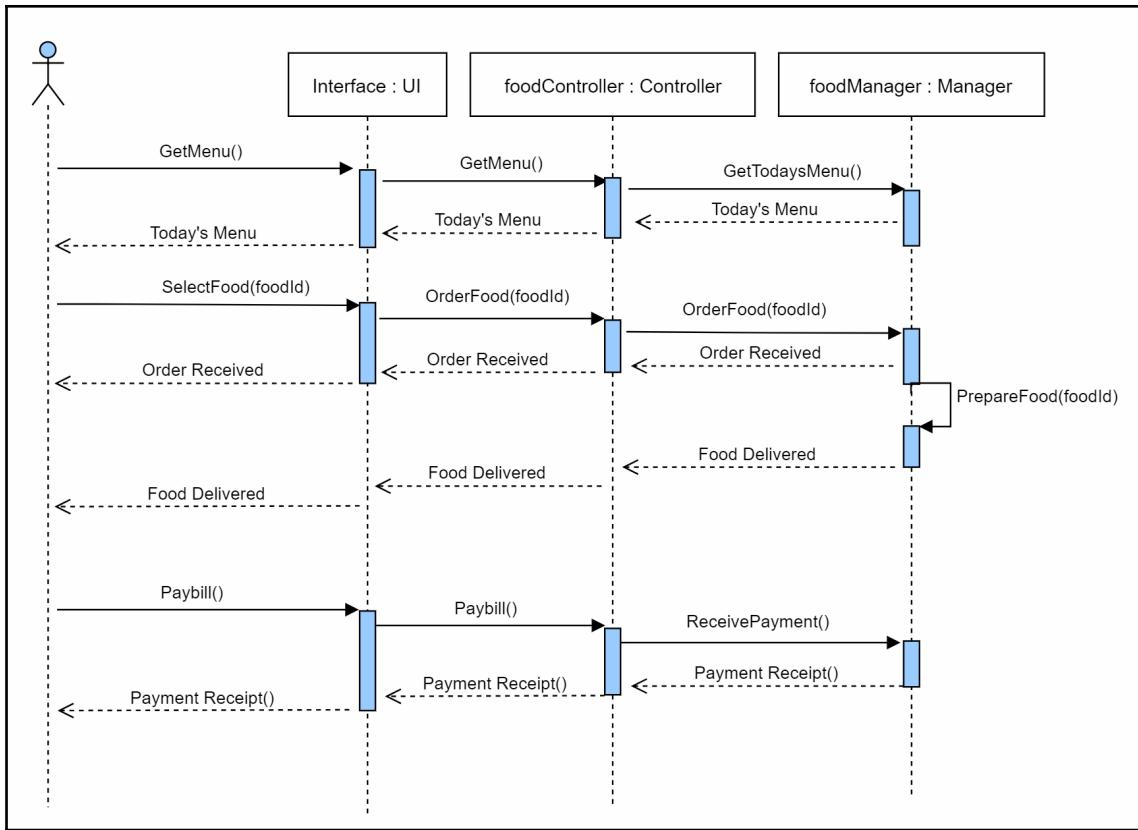




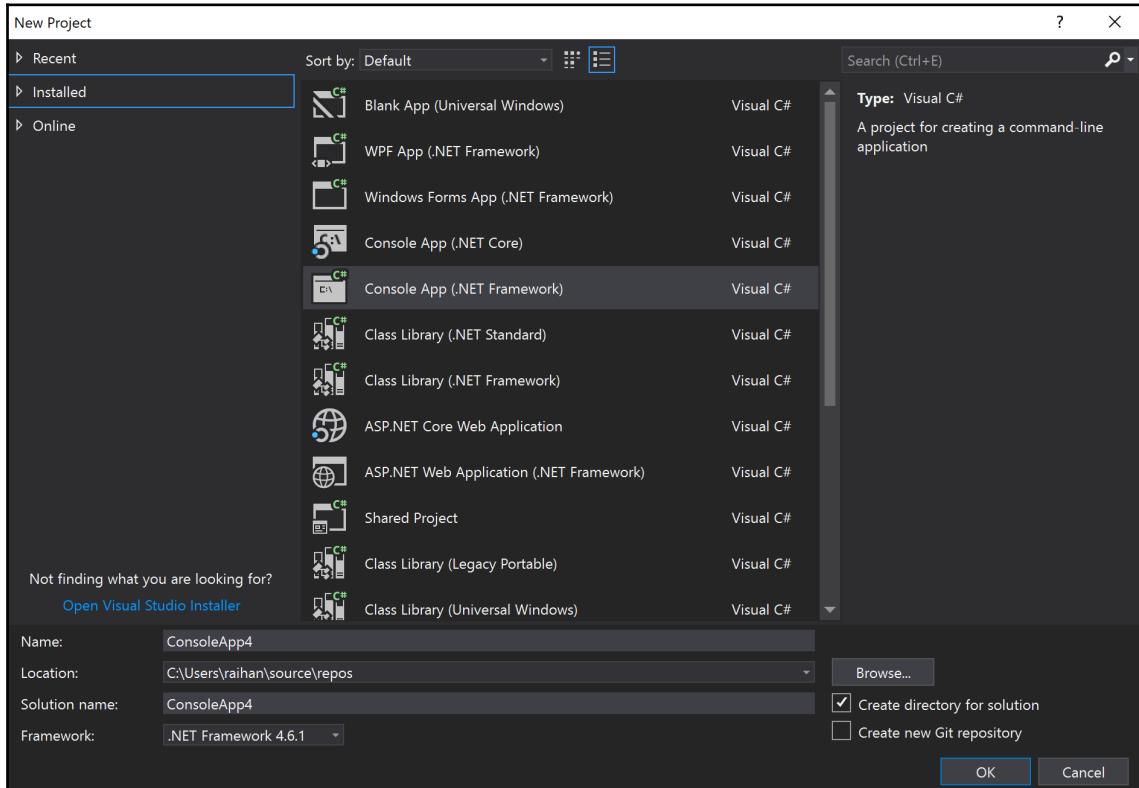




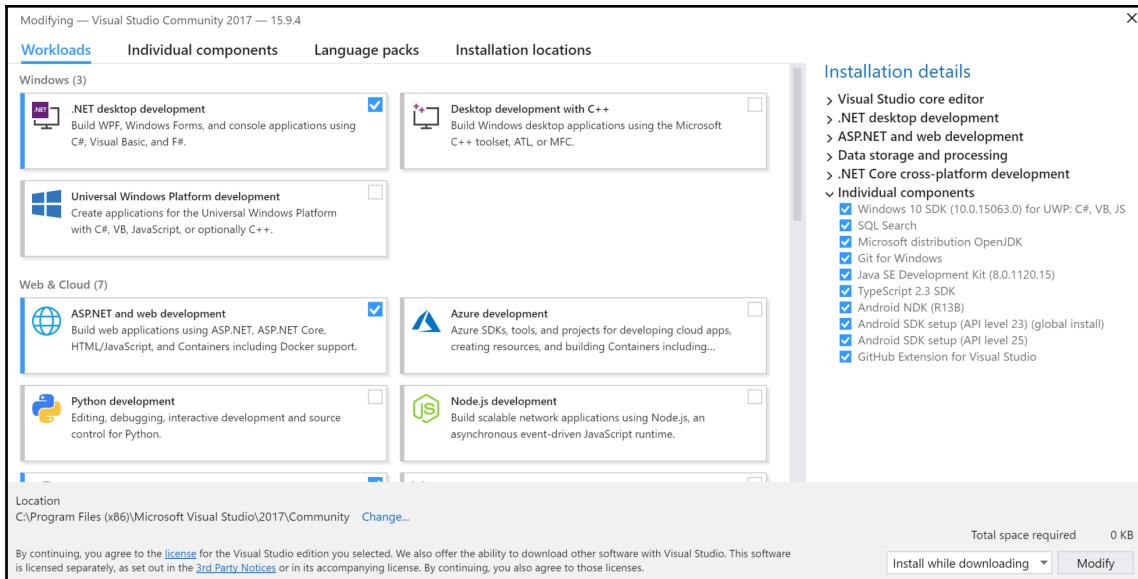


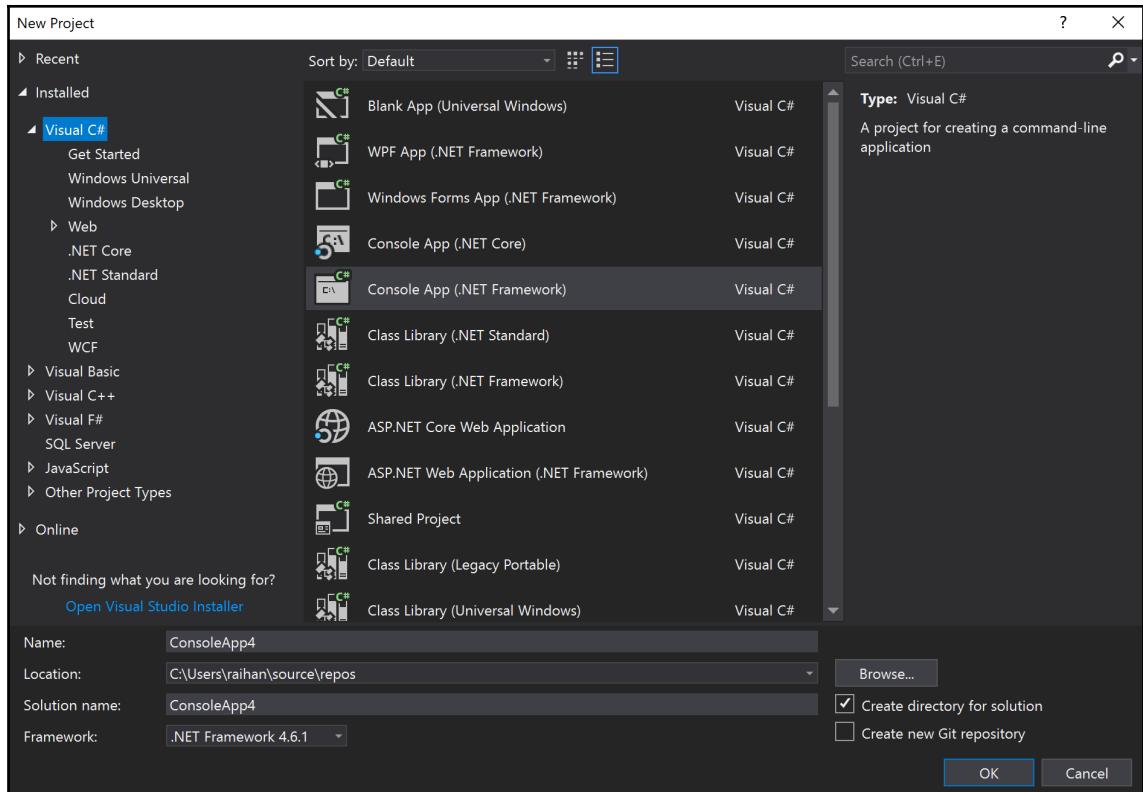


Chapter 9: Visual Studio and Associated Tools

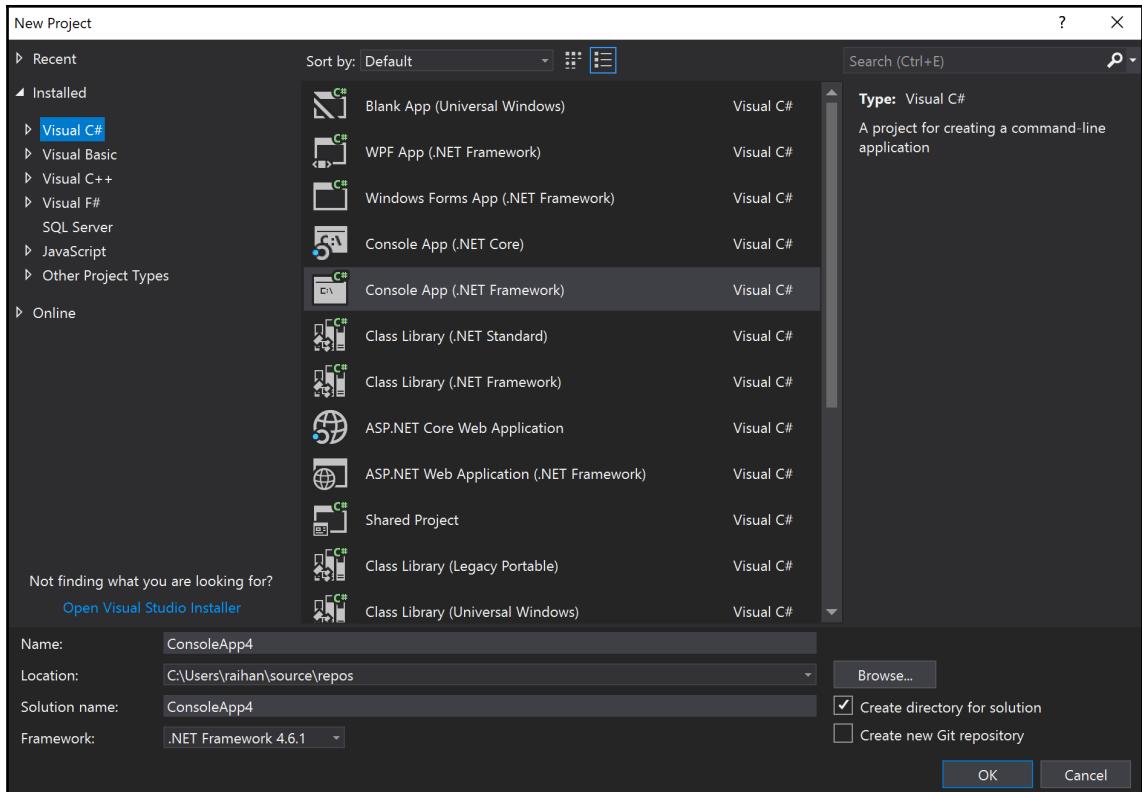


Graphic Bundle





Graphic Bundle



The screenshot shows the Microsoft Visual Studio interface with a dark theme. The main window displays a C# code editor containing the following code:

```
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  using System.Threading.Tasks;
6
7  namespace ExploreVS
8  {
9      class Program
10     {
11         static void Main(string[] args)
12         {
13             Console.WriteLine("Hello World!");
14         }
15     }
16 }
17
18 }
```

The code is a simple C# application named "ExploreVS" with a single class "Program" containing a "Main" method that prints "Hello World!" to the console.

The Visual Studio interface includes a top menu bar with File, Edit, View, Project, Build, Debug, Team, Tools, Test, Analyze, Window, and Help. Below the menu is a toolbar with various icons. On the left, there's a vertical sidebar with buttons for Server Explorer, Toolbox, and Test Explorer. The status bar at the bottom shows "200 %", "Item(s) Saved", "Ln 17", "Col 2", "Ch 2", and "INS".

A screenshot of a code editor window titled "Program.cs". The code is a standard "Hello World" application in C#. The code block is as follows:

```
1  using System;
2  using System.Collections.Generic;
3  using System.Linq;
4  using System.Text;
5  using System.Threading.Tasks;
6
7  namespace ExploreVS
8  {
9      class Program
10     {
11         static void Main(string[] args)
12         {
13             Console.WriteLine("Hello World!");
14         }
15     }
16 }
17
18 }
```

The code editor features syntax highlighting and code folding. A vertical green bar on the left indicates the current line of execution or selection. The status bar at the bottom shows the file name "ExploreVS.Program".

```
namespace ExploreVS
{
    class Program
    {
        static void Main(string[] args)
        {
            Console.WriteLine("Hello World!");
        }
    }
}
```

```
7  namespace ExploreVS
8  {
9      class Program
10     {
11         static void Main(string[] args)
12         {
13             Conso...
14         }
15     }
16 }
17
```

A tooltip for the `Console` class is displayed, showing its definition: `class System.Console`. The tooltip also includes a note: "Represents the standard input, output, and error streams for console applications. This class cannot be inherited. To browse the .NET Framework source code for this type, see the Reference Source."

The screenshot shows a code editor window with the following C# code:

```
7   namespace ExploreVS
8   {
9     class Program
10    {
11      static void Main(string[] args)
12      {
13        Conso
14      }
15    }
16  }
```

A yellow lightbulb icon with a red 'X' is positioned next to the word 'Conso' at line 13. A tooltip box is open, displaying the error message: "CS0103 The name 'Conso' does not exist in the current context". Below the message, there is a list of suggestions:

- Generate property 'Program.Conso'
- Generate field 'Program.Conso'
- Generate read-only field 'Program.Conso'
- Generate local 'Conso'
- Change 'Conso' to 'const'.
- Change 'Conso' to 'Console'.
- Change 'Conso' to 'ConsoleKey'.
- Use expression body for methods

At the bottom right of the tooltip box is a "Preview changes" button.

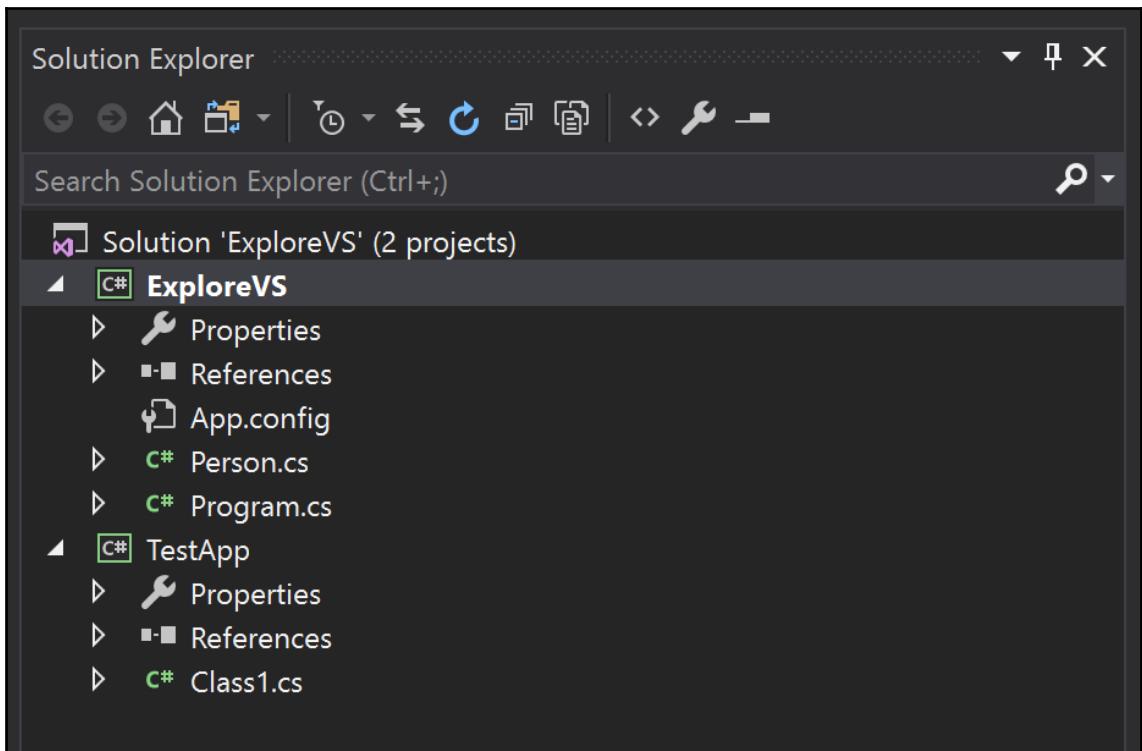
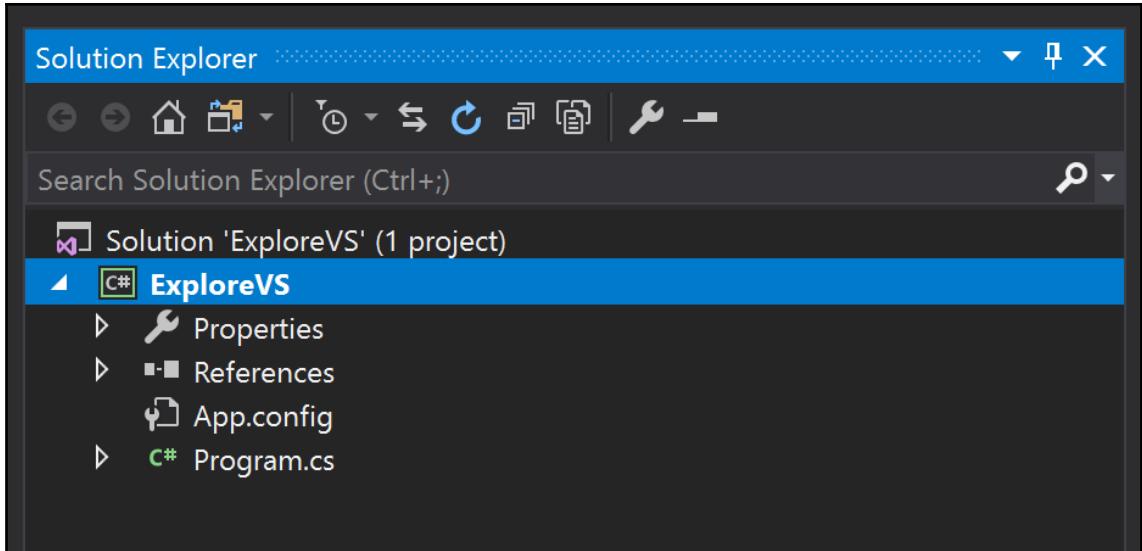
The screenshot shows a code editor window with the following C# code:

```
7   namespace ExploreVS
8   {
9     class Program
10    {
11      static void Main(string[] args)
12      {
13        Person person = new Person();
14      }
15    }
16  }
```

A yellow lightbulb icon with a red 'X' is positioned next to the word 'Person' at line 13. A tooltip box is open, displaying the error message: "CS0246 The type or namespace name 'Person' could not be found (are you missing a using directive or an assembly reference?)". Below the message, there is a list of suggestions:

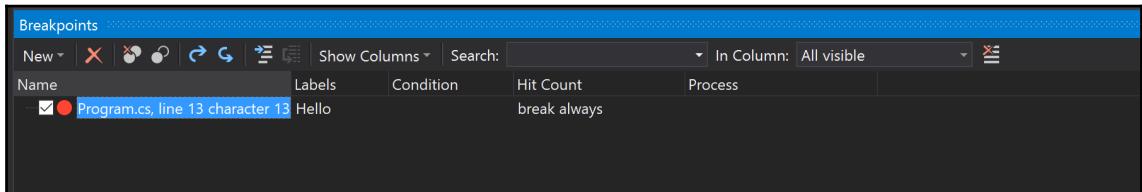
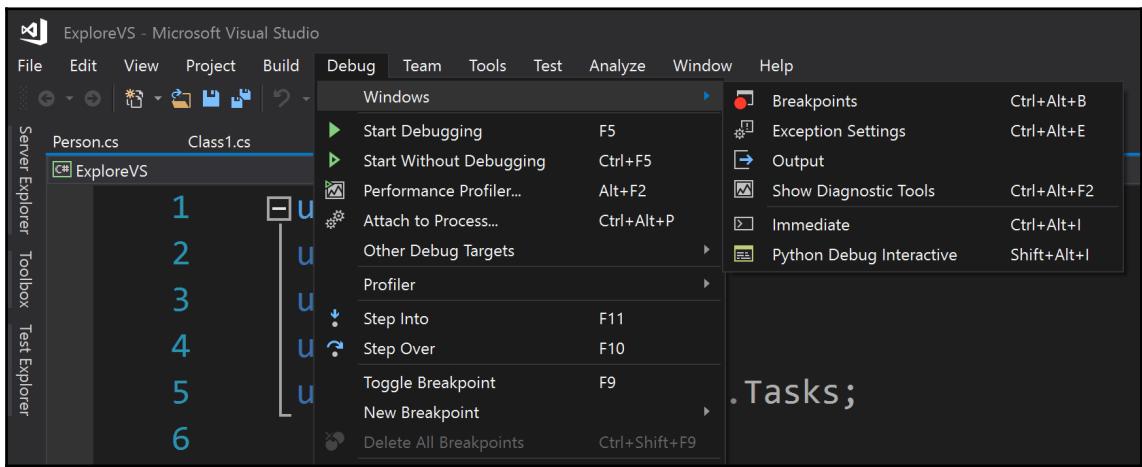
- Generate type 'Person'
- Generate class 'Person' in new file
- Change 'Person' to 'Version'.
- Generate nested class 'Person'
- Generate new type...

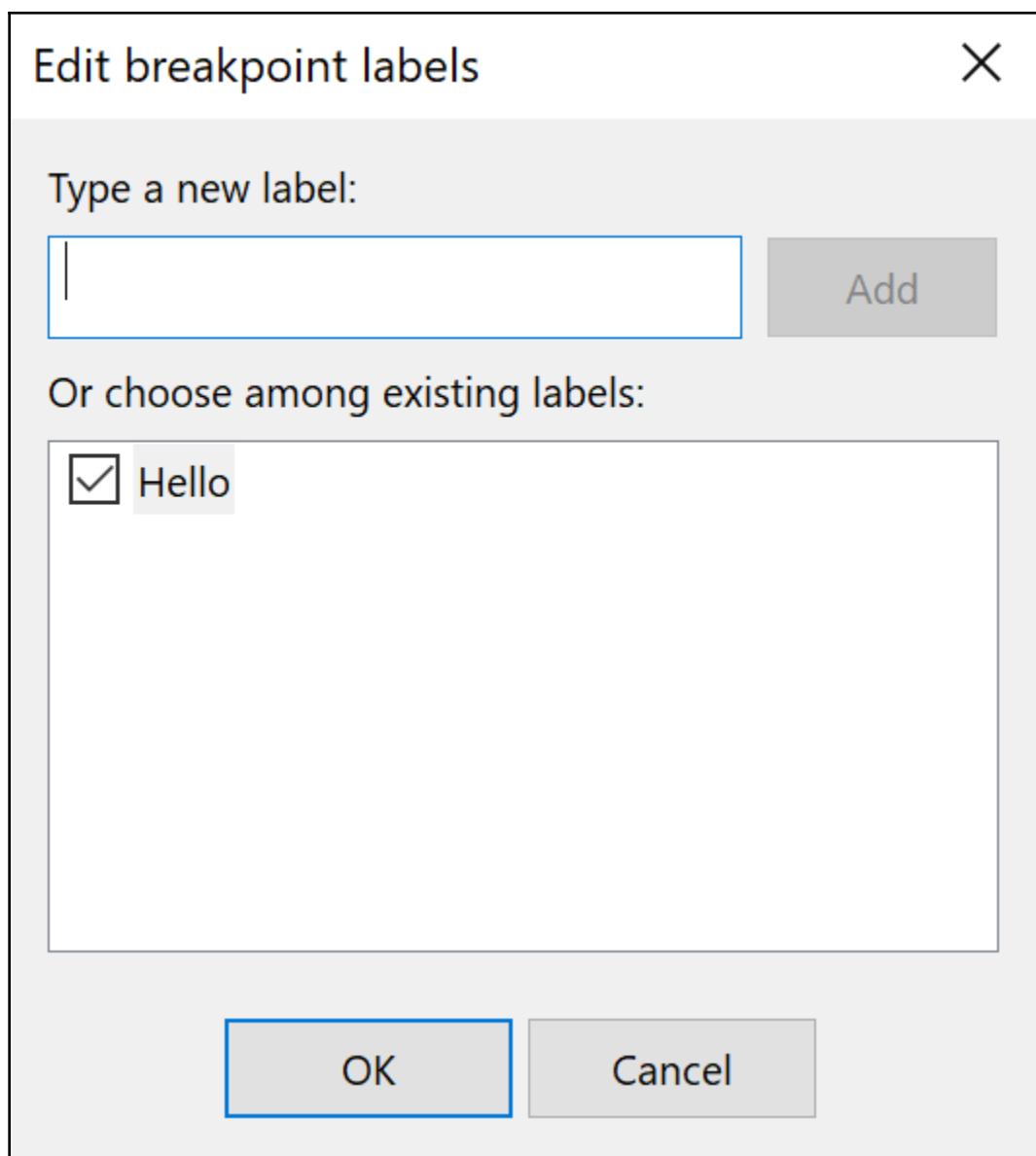
At the bottom right of the tooltip box is a "Preview changes" button.

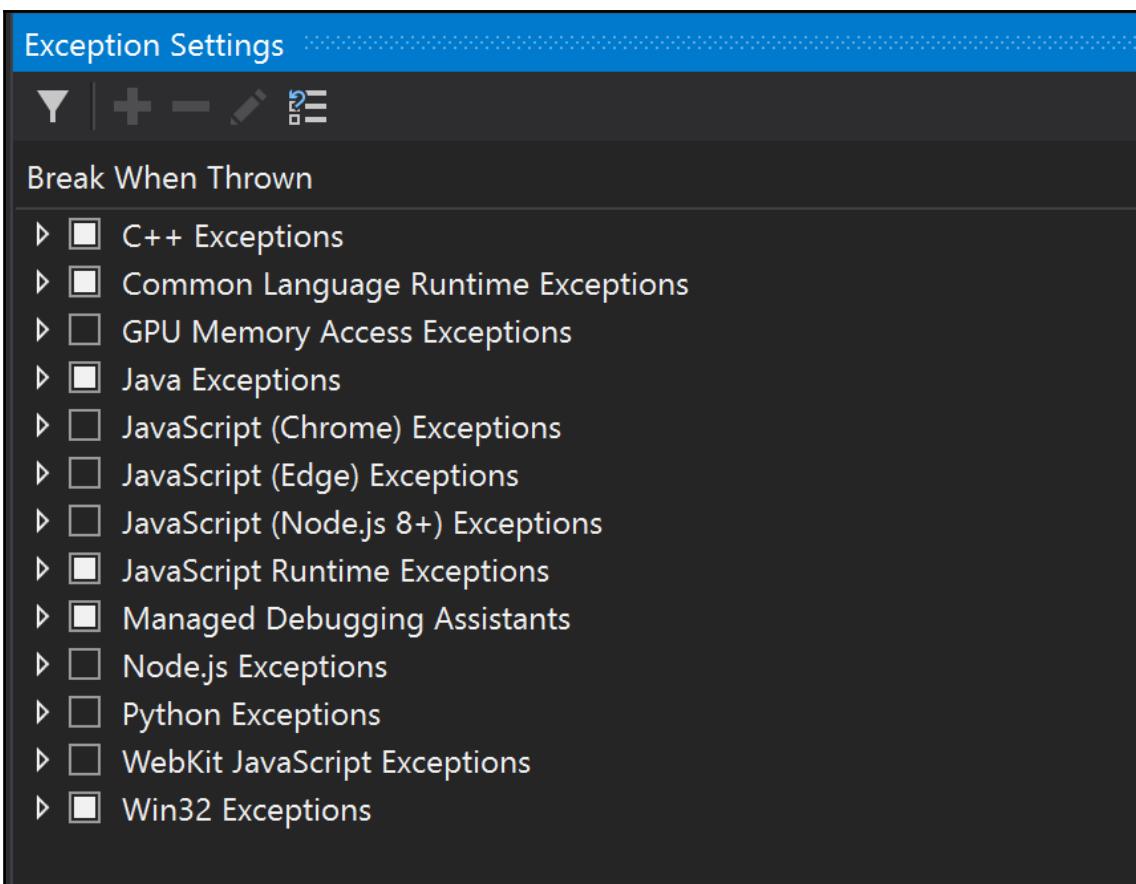
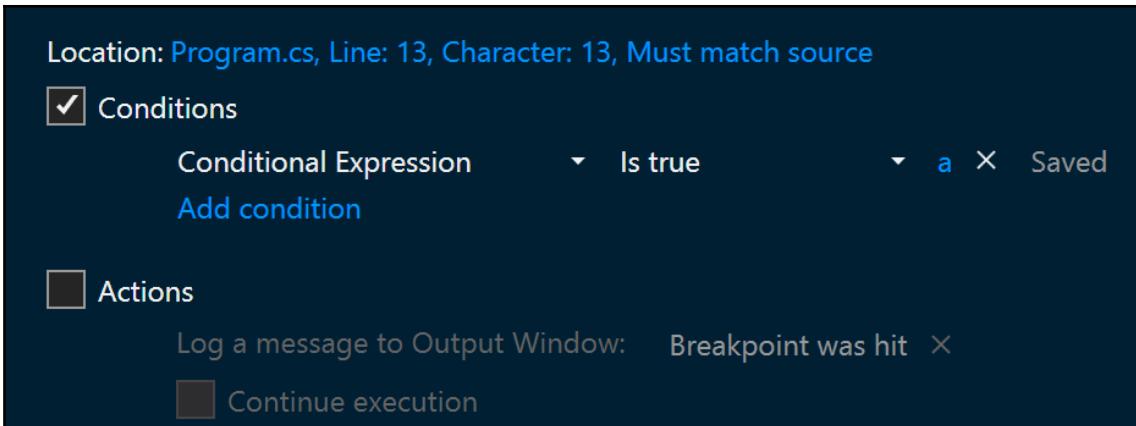


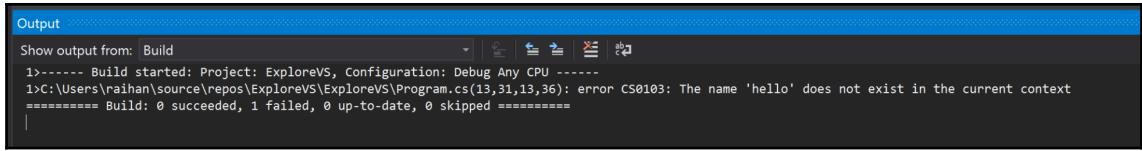
The screenshot shows the 'Output' window in Microsoft Visual Studio. The title bar says 'Output'. The dropdown menu shows 'Show output from: Build'. The main area displays the following build log:

```
1>----- Build started: Project: ExploreVS, Configuration: Debug Any CPU -----
2>----- Build started: Project: TestApp, Configuration: Debug Any CPU -----
2> TestApp -> C:\Users\raihan\source\repos\ExploreVS\TestApp\bin\Debug\TestApp.dll
1> ExploreVS -> C:\Users\raihan\source\repos\ExploreVS\ExploreVS\bin\Debug\ExploreVS.exe
===== Build: 2 succeeded, 0 failed, 0 up-to-date, 0 skipped =====
```



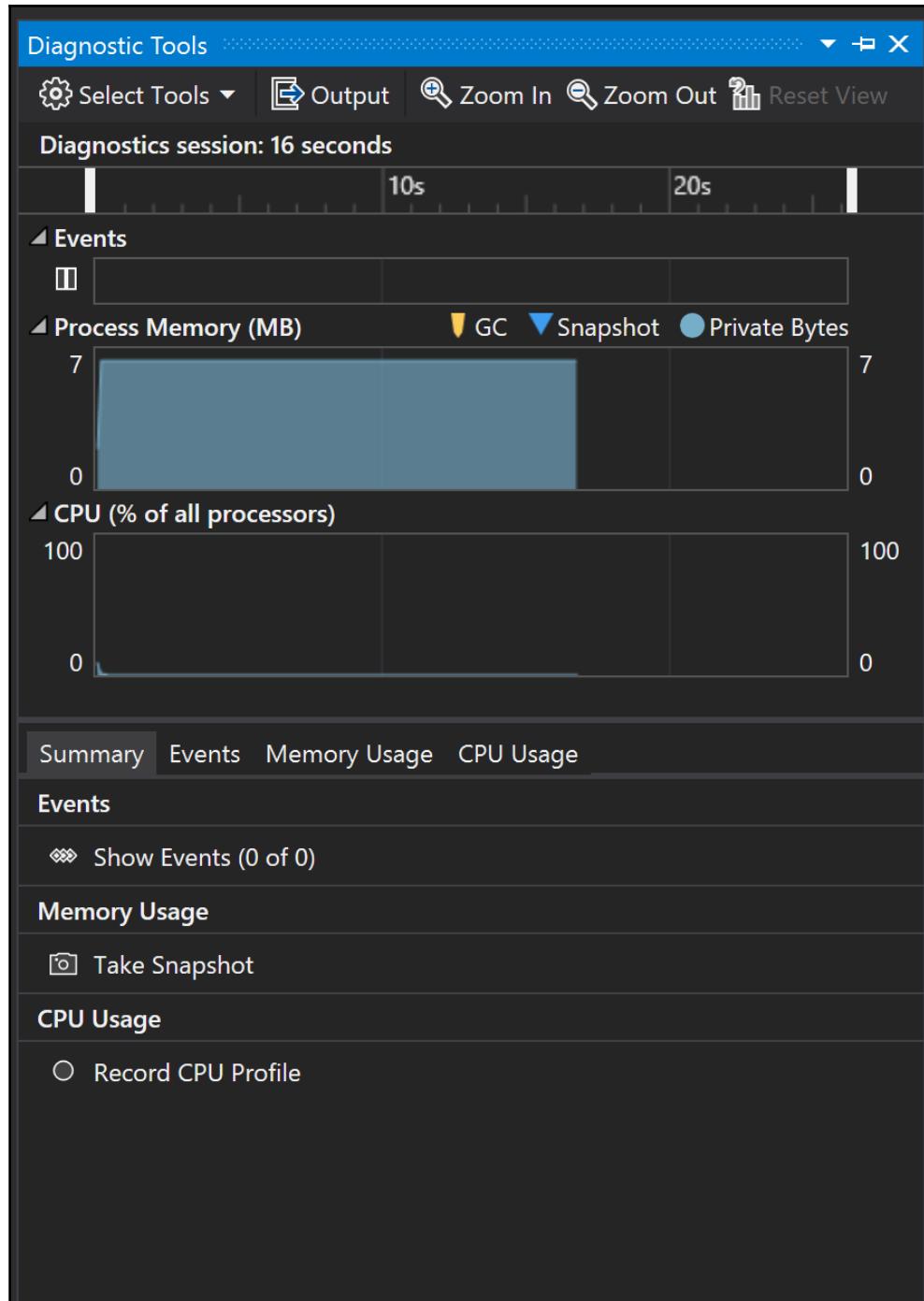






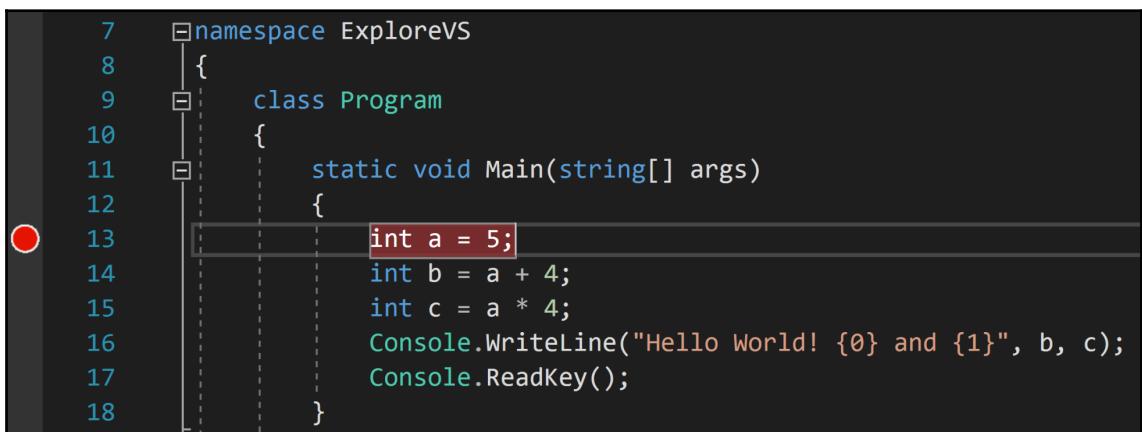
The screenshot shows the 'Output' window in Visual Studio. The title bar says 'Output'. Below it, a dropdown menu shows 'Build' is selected. The main area displays the following text:

```
1>----- Build started: Project: ExploreVS, Configuration: Debug Any CPU -----
1>C:\Users\railhan\source/repos\ExploreVS\ExploreVS\Program.cs(13,31,13,36): error CS0103: The name 'hello' does not exist in the current context
===== Build: 0 succeeded, 1 failed, 0 up-to-date, 0 skipped =====
```



Immediate Window

```
int x = 1;
Expression has been evaluated and has no value
x
1
Add(x,5)
6
```



A screenshot of a code editor or debugger interface showing a C# program. A red circular breakpoint icon is positioned next to the line number 13. The code is as follows:

```
7  namespace ExploreVS
8  {
9      class Program
10     {
11         static void Main(string[] args)
12         {
13             int a = 5;
14             int b = a + 4;
15             int c = a * 4;
16             Console.WriteLine("Hello World! {0} and {1}", b, c);
17             Console.ReadKey();
18         }
19     }
}
```

```
ExploreVS (Debugging) - Microsoft Visual Studio
File Edit View Project Build Debug Team Tools Test Analyze Window Help
Process: [11456] ExploreVS.exe Lifecycle Events Thread: [3712] Main Thread Stack Frame: ExploreVS.Program.Main
Person.cs Class1.cs Program.cs
Test Explorer Locals
ExploreVS
6
7     namespace ExploreVS
8     {
9         class Program
10        {
11            static void Main(string[] args)
12            {
13                int a = 5;
14                int b = a + 4;
15                int c = a * 4;
16                Console.WriteLine("Hello World! {0} and {1}", b, c);
17                Console.ReadKey();
18            }
19
20            public static int Add(int a, int b)
21            {
22                return a + b;
```

The screenshot shows a debugger interface with a code editor and a watch window.

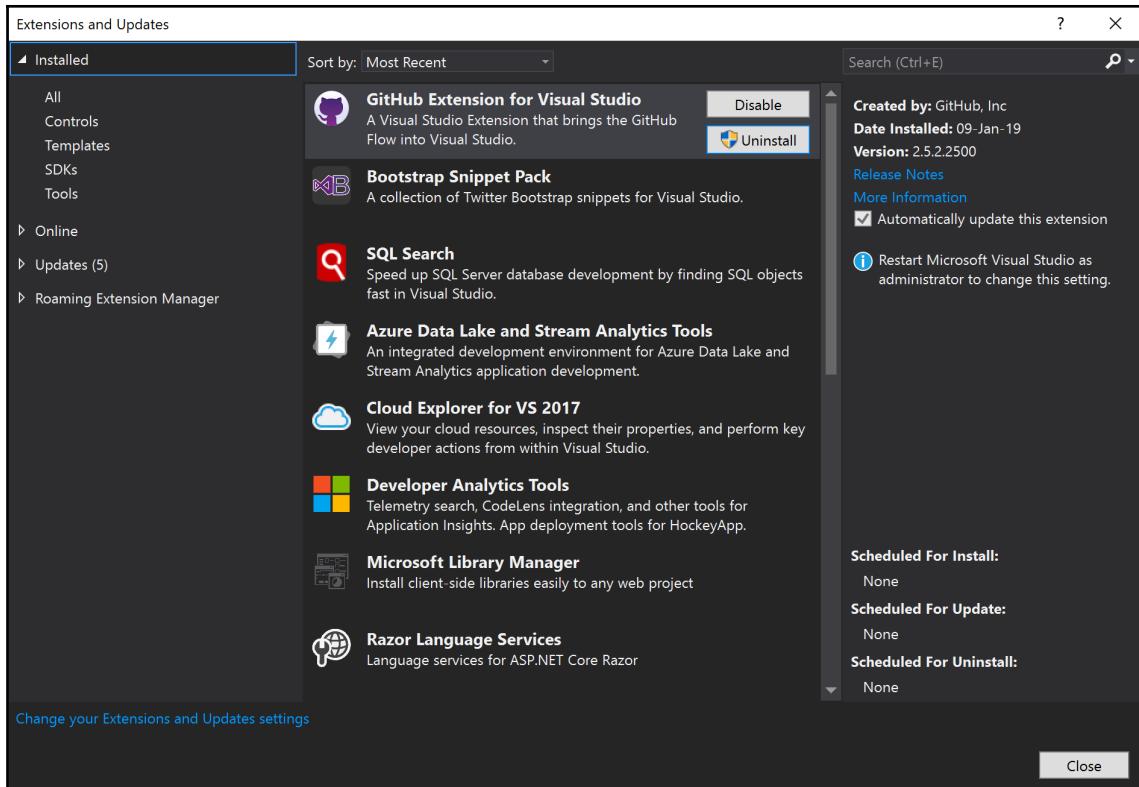
Code Editor:

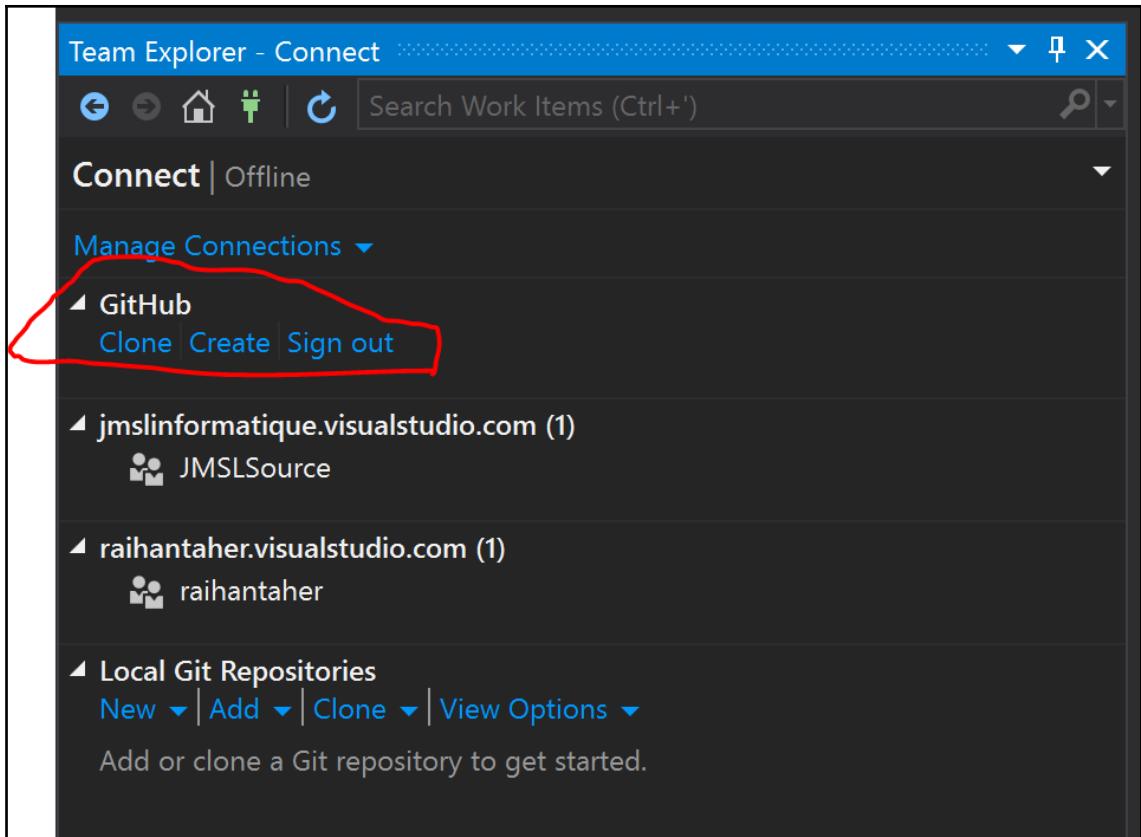
```
6
7     namespace ExploreVS
8     {
9         class Program
10    {
11        static void Main(string[] args)
12        {
13            Calc calc = new Calc();
14            int a = 5;
15            int b = a + 4;
16            int c = calc.Calculate(a, b);
17            Console.WriteLine("Hello World! {0} and {1}", b, c);
18            Console.ReadKey();
19        }
20    }
21    }
22 }
23 }
24 }
```

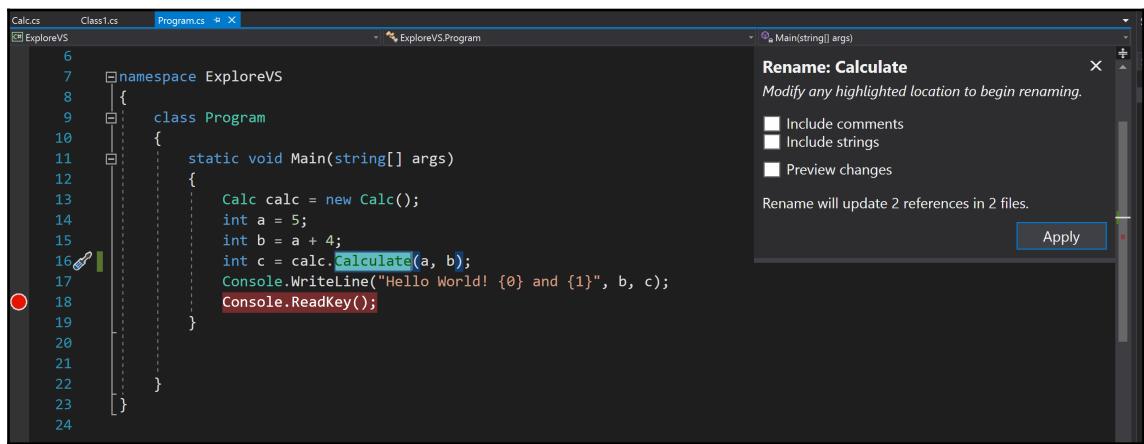
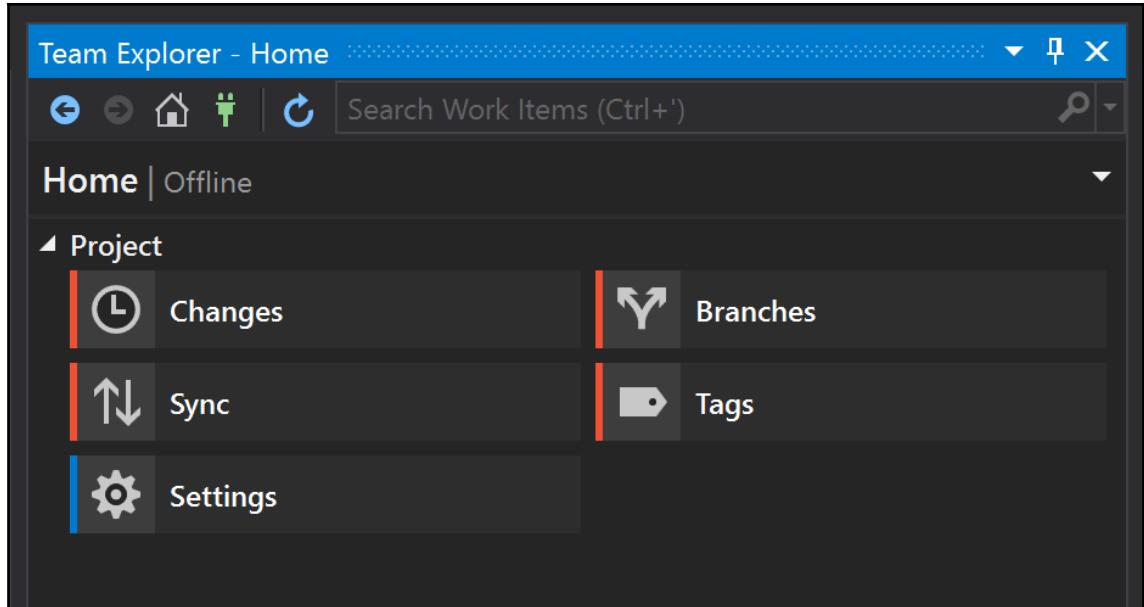
Watch Window:

Name	Value	Type
a	5	int
b	9	int

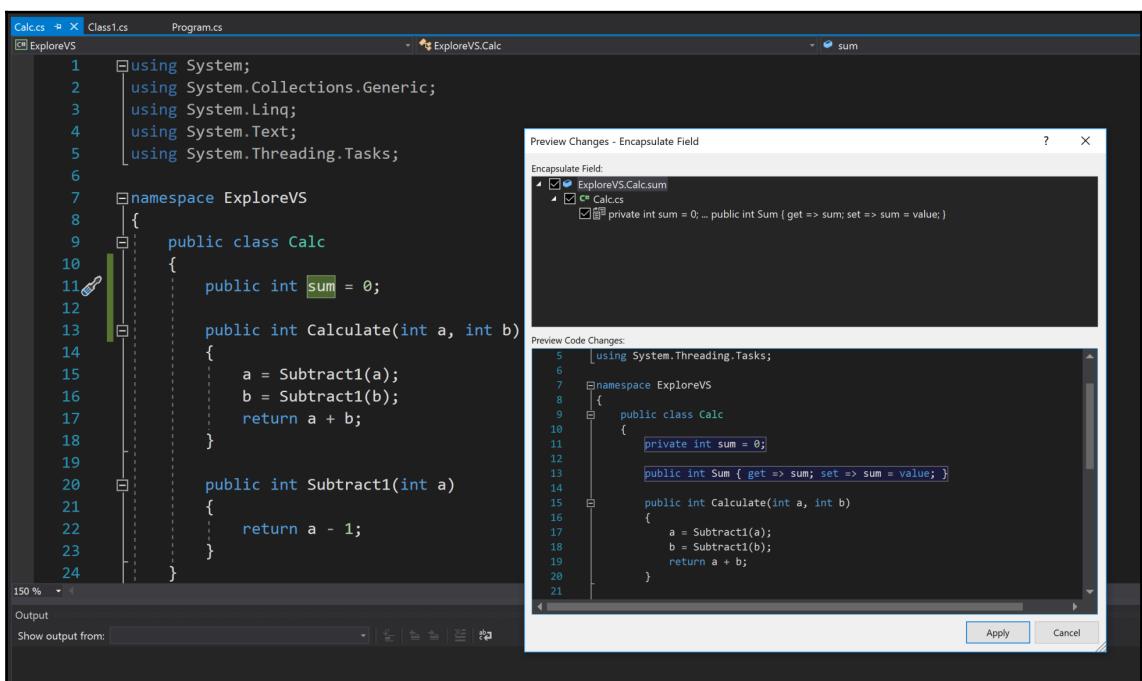
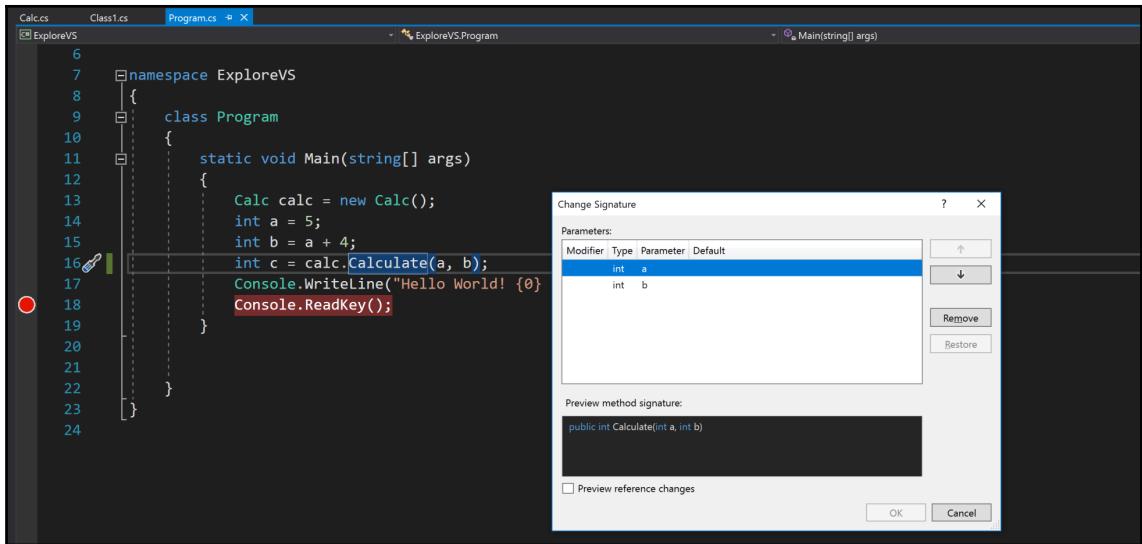
Graphic Bundle







Graphic Bundle



The screenshot shows the Microsoft Visual Studio IDE interface. In the top navigation bar, the tabs 'Calc.cs', 'Class1.cs', and 'Program.cs' are visible, with 'Program.cs' currently selected. Below the tabs, the code editor displays C# code for a 'Program' class. A yellow circle highlights the line 'private static void CalculateValues(Calc calc, out int b, out int c)'. A context menu is open over this line, titled 'Rename: NewMethod'. The 'New name:' field contains 'CalculateValues'. There are three checkboxes: 'Include comments' (unchecked), 'Include strings' (unchecked), and 'Preview changes' (unchecked). A note at the bottom of the dialog states 'Rename will update 2 references in 1 file.' An 'Apply' button is located at the bottom right of the dialog.

```
6
7     namespace ExploreVS
8     {
9         class Program
10        {
11            static void Main(string[] args)
12            {
13                Calc calc = new Calc();
14                int b, c;
15                CalculateValues(calc, out b, out c);
16                Console.WriteLine("Hello World! {0} and {1}", b, c);
17                Console.ReadKey();
18            }
19
20            private static void CalculateValues(Calc calc, out int b, out int c)
21            {
22                int a = 5;
23                b = a + 4;
24                c = calc.Calculate(a, b);
25            }
26
27        }
28    }
```

Chapter 10: Exploring ADO.NET with Examples

```
C:\WINDOWS\system32\cmd.exe
FirstName John LastName Nash
FirstName John LastName Doe
FirstName John LastName Wall
Press any key to continue . . .
```

	Id	FirstName	LastName	Age
1	1	John	Nash	34
2	2	John	Doe	36
3	3	John	Wall	28

```
C:\WINDOWS\system32\cmd.exe
```

Number of rows inserted: 1
Press any key to continue . . .

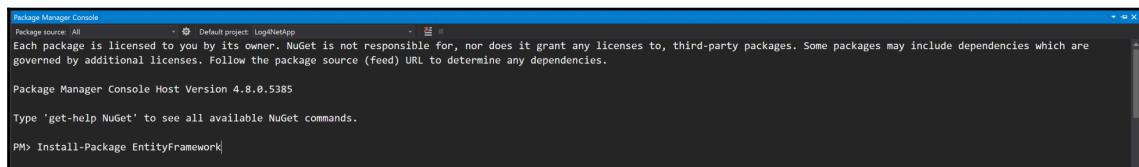
	Id	Name	Category	Price	Discount
1	1	Chicken Burger	Lunch	10	0
2	2	Beef Burger	Lunch	12	0
3	3	Mixed Rice	Dinner	8	0
4	4	Pizza	Dinner	10	0
5	5	Egg	Breakfast	2	0
6	6	Tea	Breakfast	1	0

```
C:\WINDOWS\system32\cmd.exe
```

Number of rows inserted: 2
Press any key to continue . . .

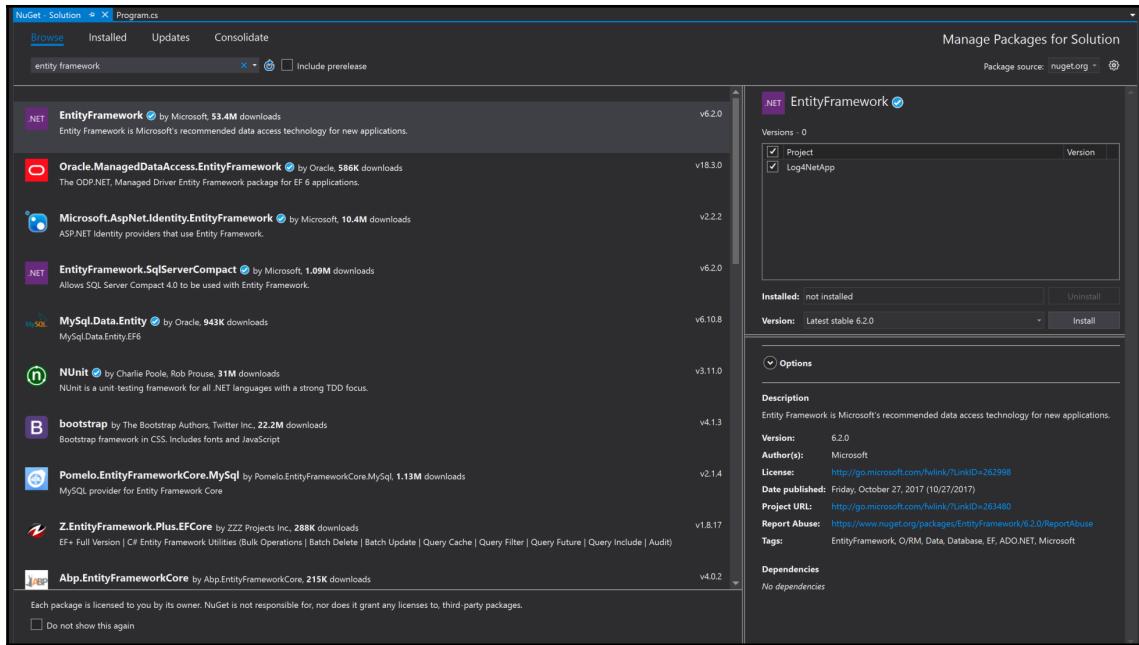
	Id	Name	Category	Price	Discount
1	1	Chicken Burger	Lunch	10	0
2	2	Beef Burger	Lunch	12	0
3	3	Mixed Rice	Dinner	8	0
4	4	Pizza	Dinner	10	0
5	5	Egg	Breakfast	2	0
6	6	Tea	Breakfast	1	0

	Column Name	Data Type	Allow Nulls
1	Id	int	<input type="checkbox"/>
	FirstName	nvarchar(50)	<input type="checkbox"/>
	LastName	nvarchar(50)	<input type="checkbox"/>
	Age	int	<input checked="" type="checkbox"/>
			<input type="checkbox"/>

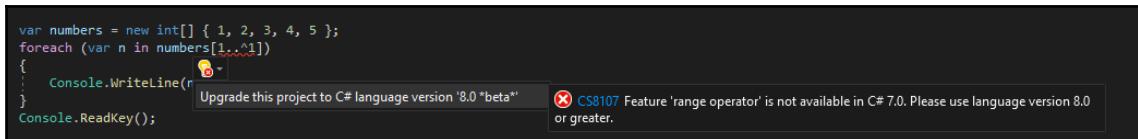
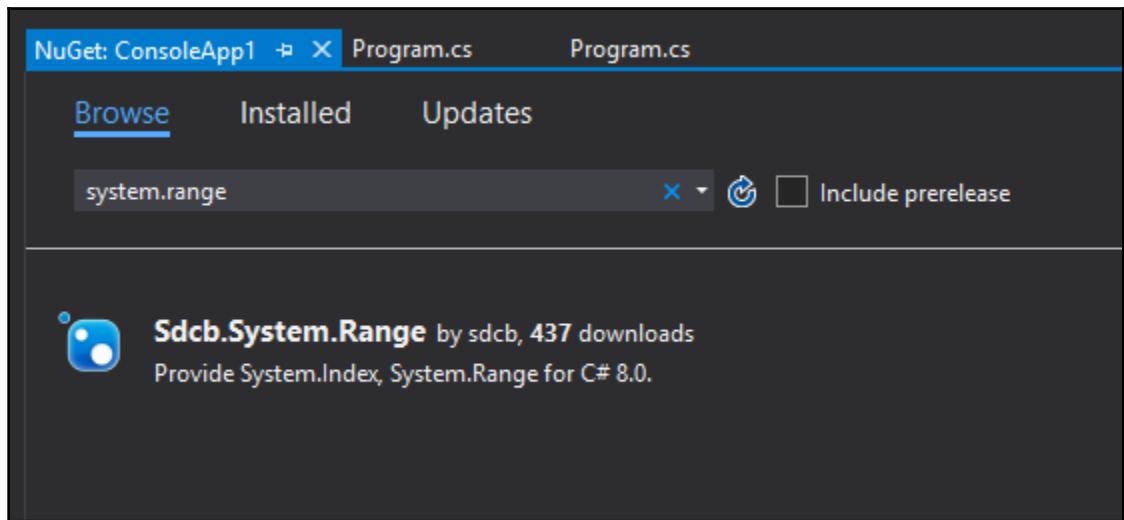
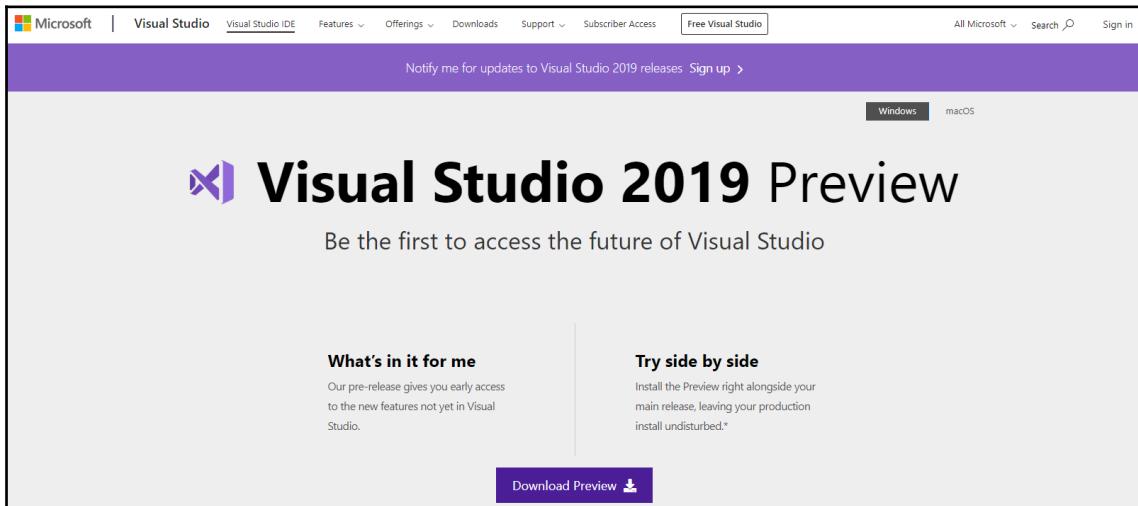


Package Manager Console
Package source: All Default project: LogNetApp
Each package is licensed to you by its owner. NuGet is not responsible for, nor does it grant any licenses to, third-party packages. Some packages may include dependencies which are governed by additional licenses. Follow the package source (feed) URL to determine any dependencies.
Package Manager Console Host Version 4.8.0.5385
Type 'get-help NuGet' to see all available NuGet commands.
PM> Install-Package EntityFramework

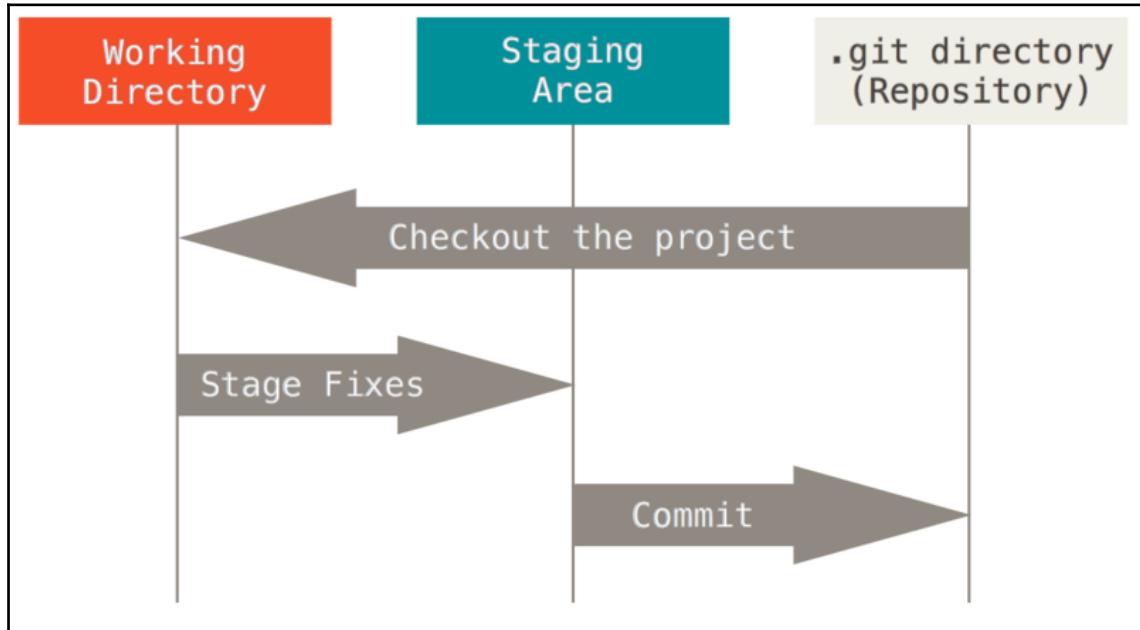
Graphic Bundle



Chapter 11: New Features in C# 8



Chapter 13: Git - The Version Control System



 **git** --distributed-is-the-new-centralized

[Search entire site...](#)

About

Documentation

Downloads

- [GUI Clients](#)
- [Logos](#)

Community

The entire [Pro Git book](#) written by Scott Chacon and Ben Straub is available to [read online for free](#). Dead tree versions are available on [Amazon.com](#).

Downloading Git



Your download is starting...

You are downloading the latest **(2.20.1) 64-bit** version of **Git for Windows**. This is the most recent [maintained build](#). It was released **about 2 months ago**, on 2018-12-15.

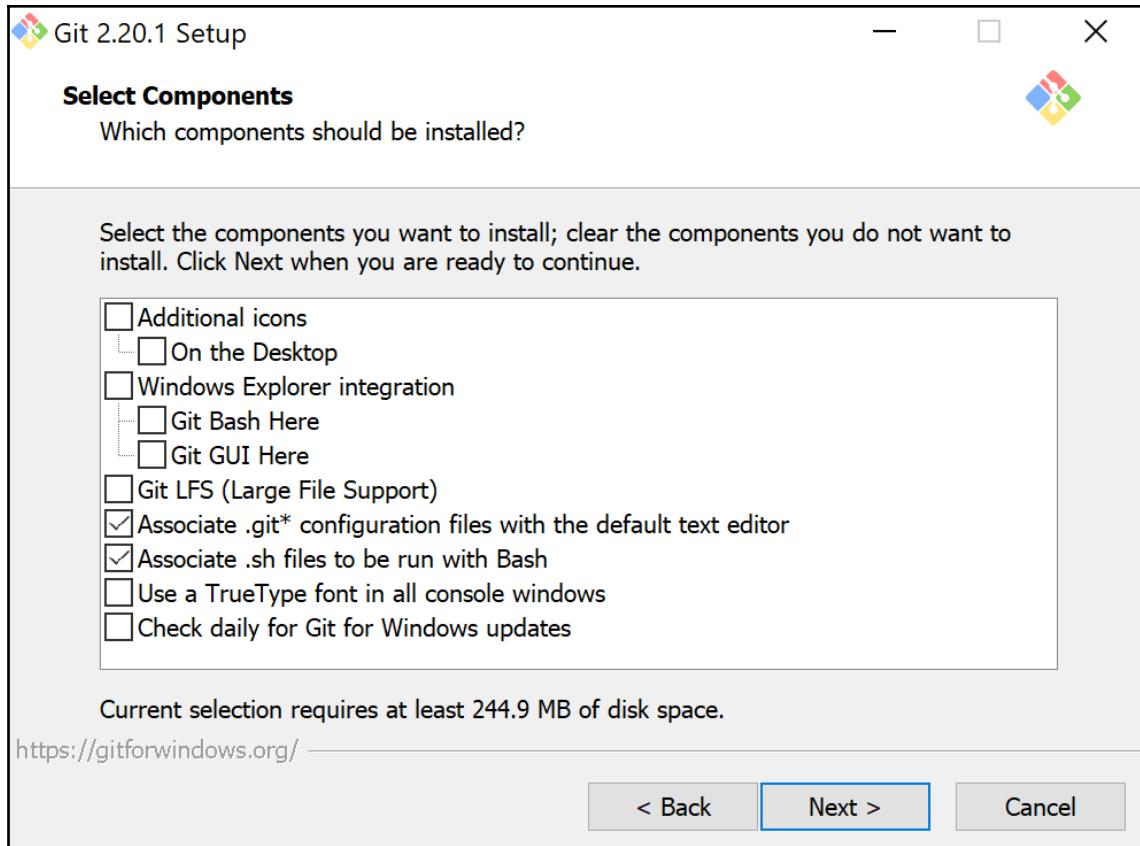
If your download hasn't started, [click here to download manually](#).

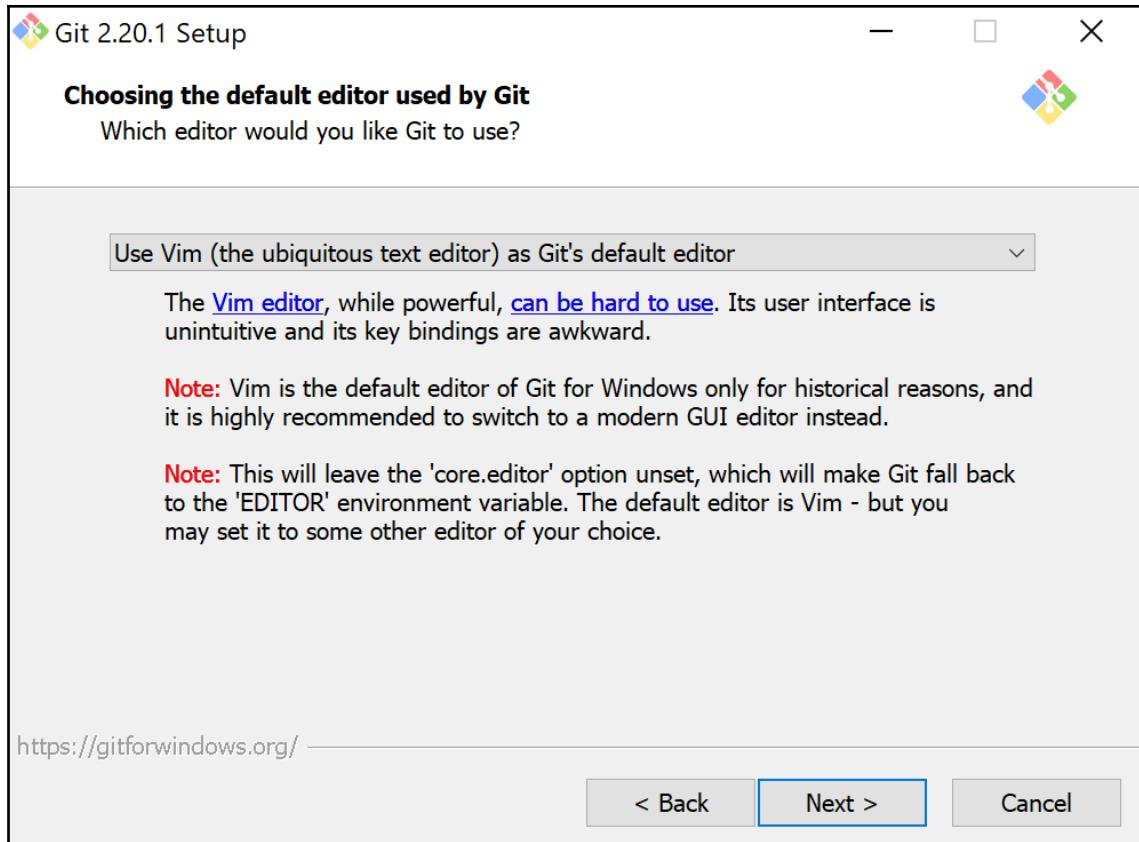
Other Git for Windows downloads

[Git for Windows Setup](#)
[32-bit Git for Windows Setup](#).
[64-bit Git for Windows Setup](#).

[Git for Windows Portable \("thumbdrive edition"\)](#)
[32-bit Git for Windows Portable](#).
[64-bit Git for Windows Portable](#).

The current source code release is version **2.20.1**. If you want the newer version, you can build it from [the source code](#).





The screenshot shows a Command Prompt window with the title 'Command Prompt'. The command 'git --version' is entered, and the output 'git version 2.17.1.windows.2' is displayed. The window has a dark background and white text.

```
MINGW64:/c/Users/raihan/work/code/BookApp
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)

    hello.txt

nothing added to commit but untracked files present (use "git add" to track)

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
MINGW64:/c/Users/raihan/work/code/BookApp
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git add hello.txt
warning: LF will be replaced by CRLF in hello.txt.
The file will have its original line endings in your working directory.

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git add hello.txt
warning: LF will be replaced by CRLF in hello.txt.
The file will have its original line endings in your working directory.

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git status
On branch master

No commits yet

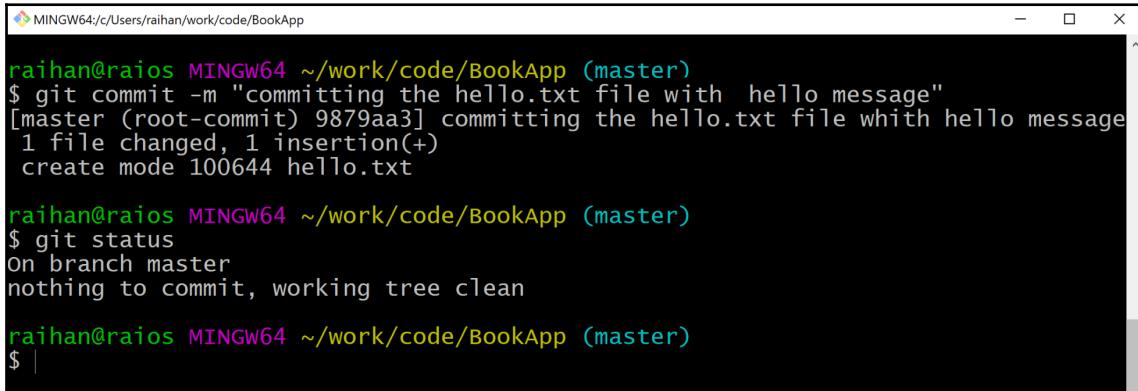
Changes to be committed:
  (use "git rm --cached <file>..." to unstage)

    new file:   hello.txt

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git commit -m "committing the hello.txt file with hello message"
[master (root-commit) 9879aa3] committing the hello.txt file whith hello message
 1 file changed, 1 insertion(+)
 create mode 100644 hello.txt

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```



A screenshot of a Windows terminal window titled 'MINGW64:/c/Users/raihan/work/code/BookApp'. The window contains the following command-line session:

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git commit -m "committing the hello.txt file with hello message"
[master (root-commit) 9879aa3] committing the hello.txt file whith hello message
 1 file changed, 1 insertion(+)
 create mode 100644 hello.txt

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git status
On branch master
nothing to commit, working tree clean

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git log
commit 9879aa3534b7037eb8237b95ead25d60c3b50888 (HEAD -> master)
Author: Raihan Taher <raihan.taher@gmail.com>
Date:   Tue Feb 5 16:41:12 2019 +0800

    committing the hello.txt file whith hello message

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git remote

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git remote add origin https://github.com/raihantaher/bookgitexample.git

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git remote
origin

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git remote -v
origin  https://github.com/raihantaher/bookgitexample.git (fetch)
origin  https://github.com/raihantaher/bookgitexample.git (push)

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git push origin master
Counting objects: 3, done.
Delta compression using up to 4 threads.
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 289 bytes | 144.00 KiB/s, done.
Total 3 (delta 0), reused 0 (delta 0)
To https://github.com/raihantaher/bookgitexample.git
 * [new branch]      master -> master

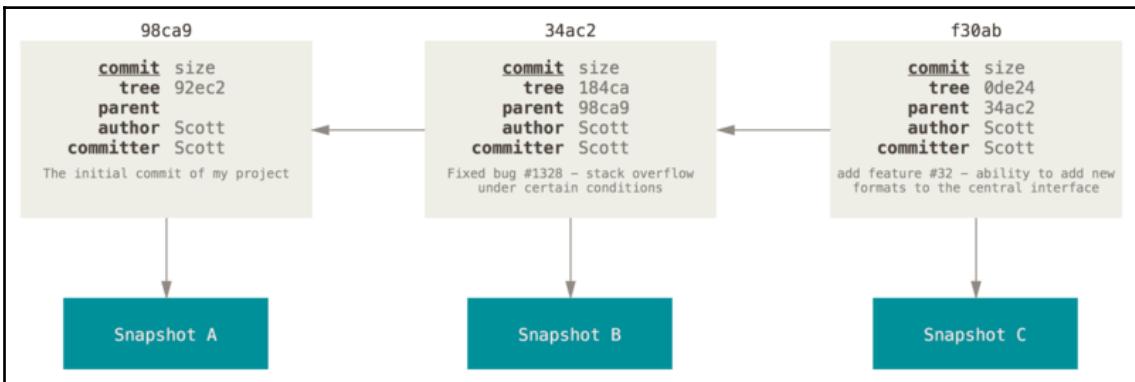
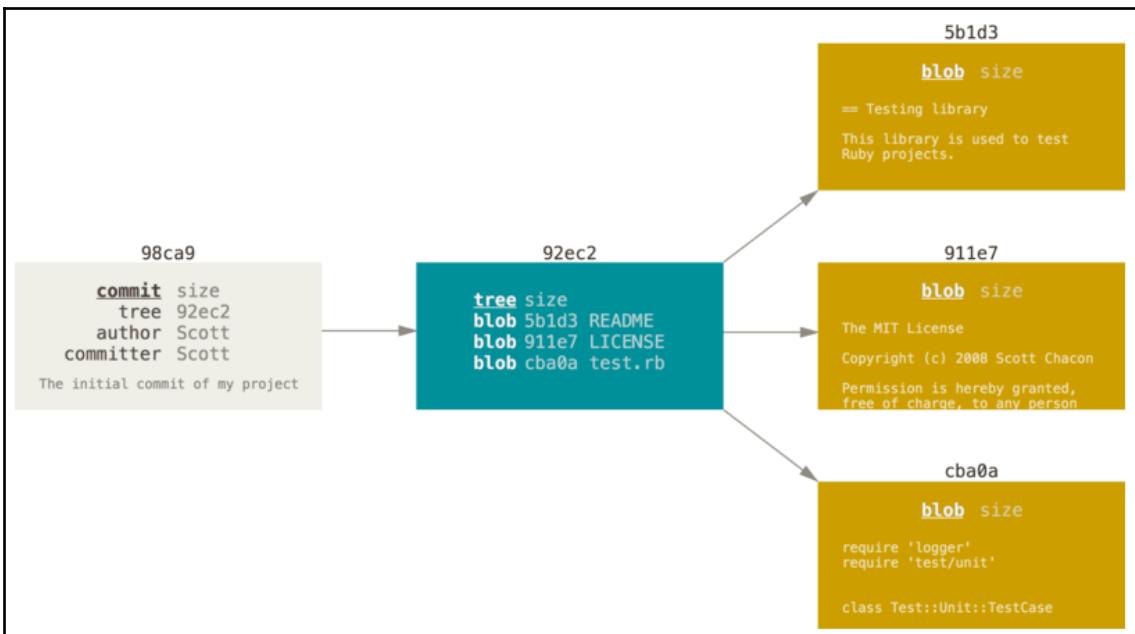
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

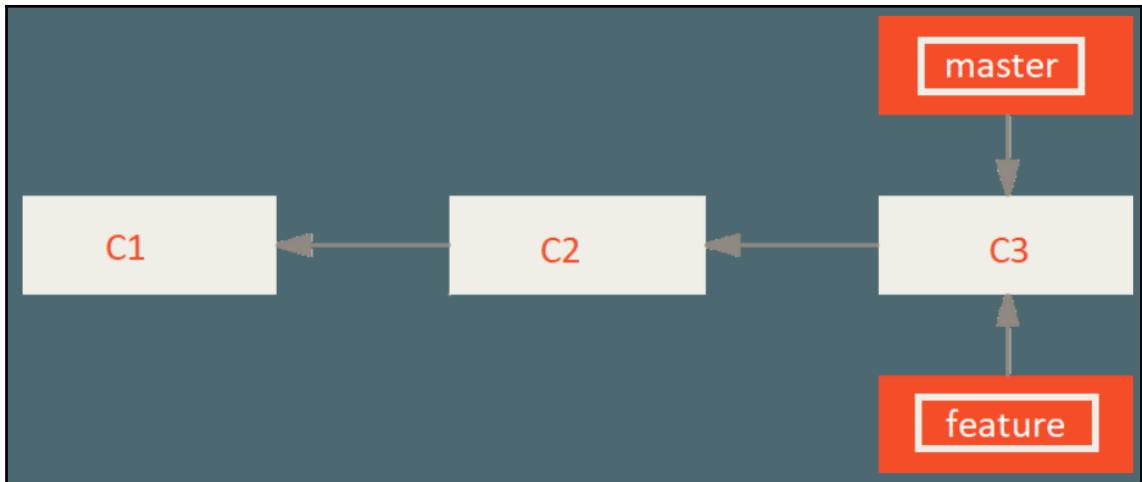
```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git pull origin master
From https://github.com/raihantaher/bookgitexample
 * branch            master      -> FETCH_HEAD
Already up to date.

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git fetch origin master
From https://github.com/raihantaher/bookgitexample
 * branch                         master      -> FETCH_HEAD

raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```





```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git branch feature
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git branch
  feature
* master
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ |
```

```
raihan@raios MINGW64 ~/work/code/BookApp (master)
$ git checkout feature
Switched to branch 'feature'
```

```
raiham@raios MINGW64 ~/work/code/BookApp (feature)
$ git branch
* feature
  master
```

```
raiham@raios MINGW64 ~/work/code/BookApp (newFeature)
$ git branch -d feature
Deleted branch feature (was 9879aa3).
```

```
raiham@raios MINGW64 ~/work/code/BookApp (master)
$ git merge newFeature
Updating 9879aa3..7a6b0e5
Fast-forward
 discuss.html | 1 +
 1 file changed, 1 insertion(+)
 create mode 100644 discuss.html
```