

# Visual Studio Basic



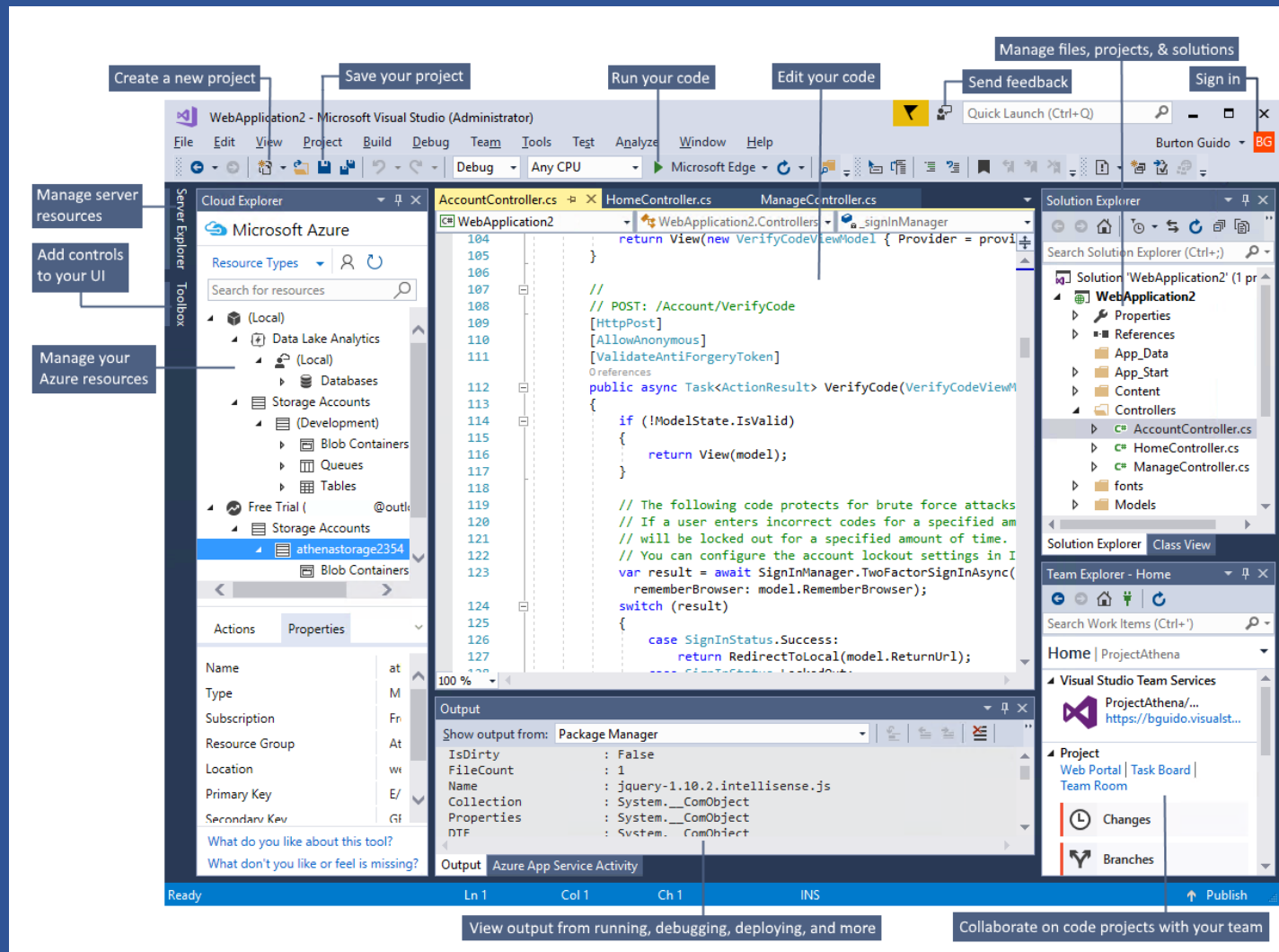
# Visual Studio Community 2017



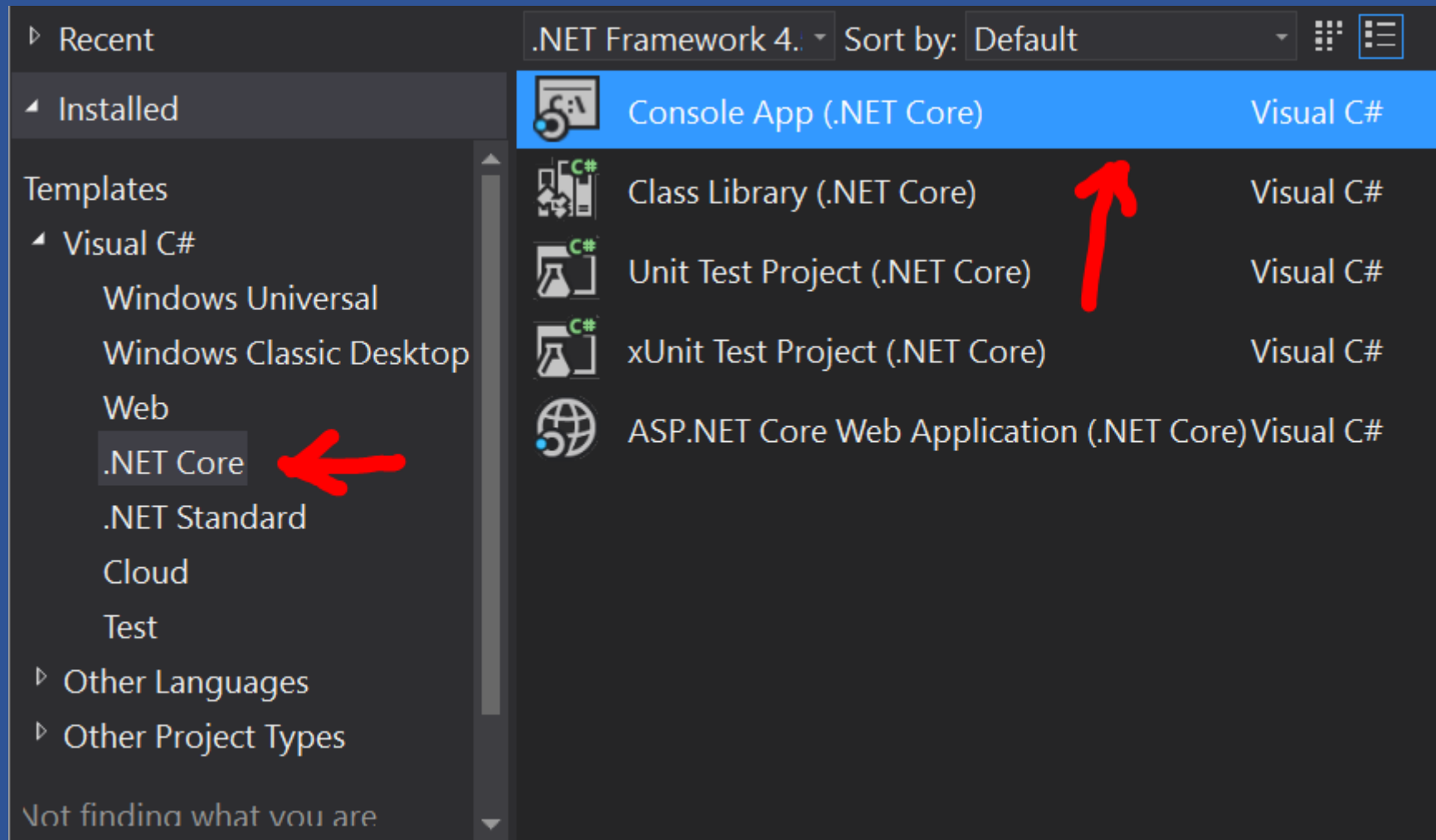
## Visual Studio IDE

Fully-featured integrated development environment (IDE)  
for Android, iOS, Windows, web, and cloud

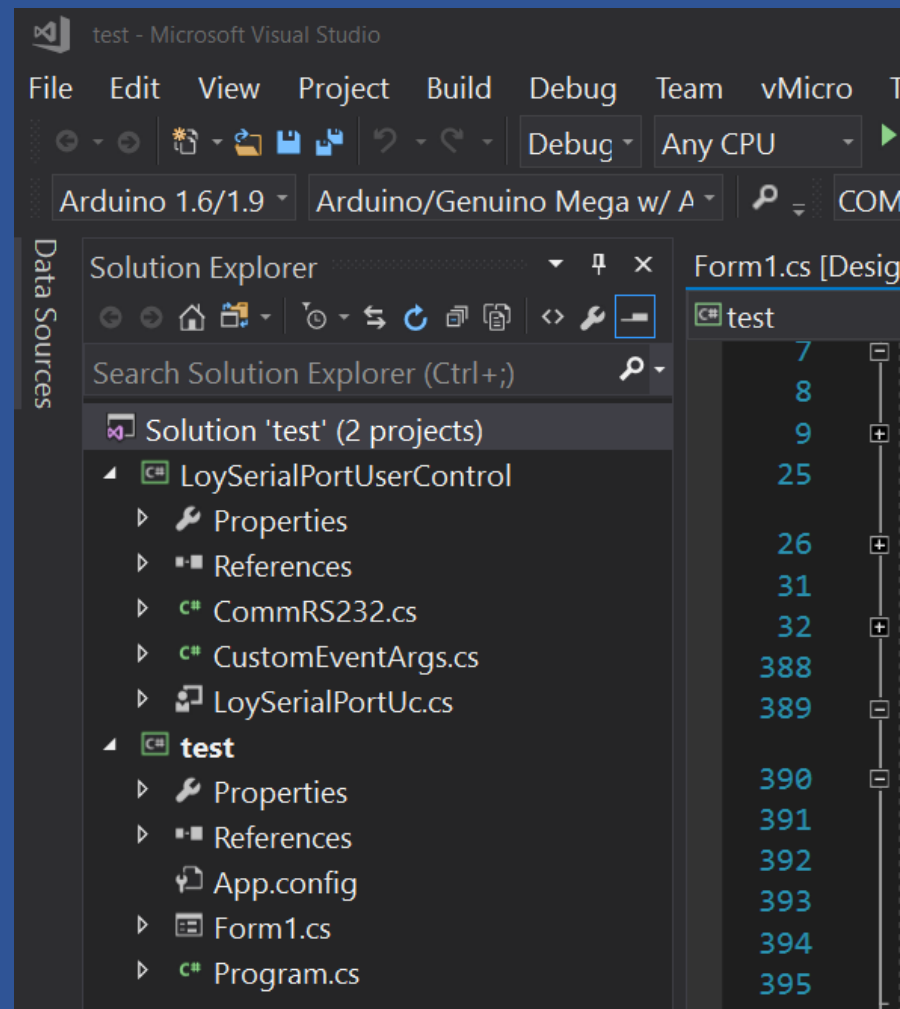
# Tour of the IDE



# Create New Project



# Solution Explorer



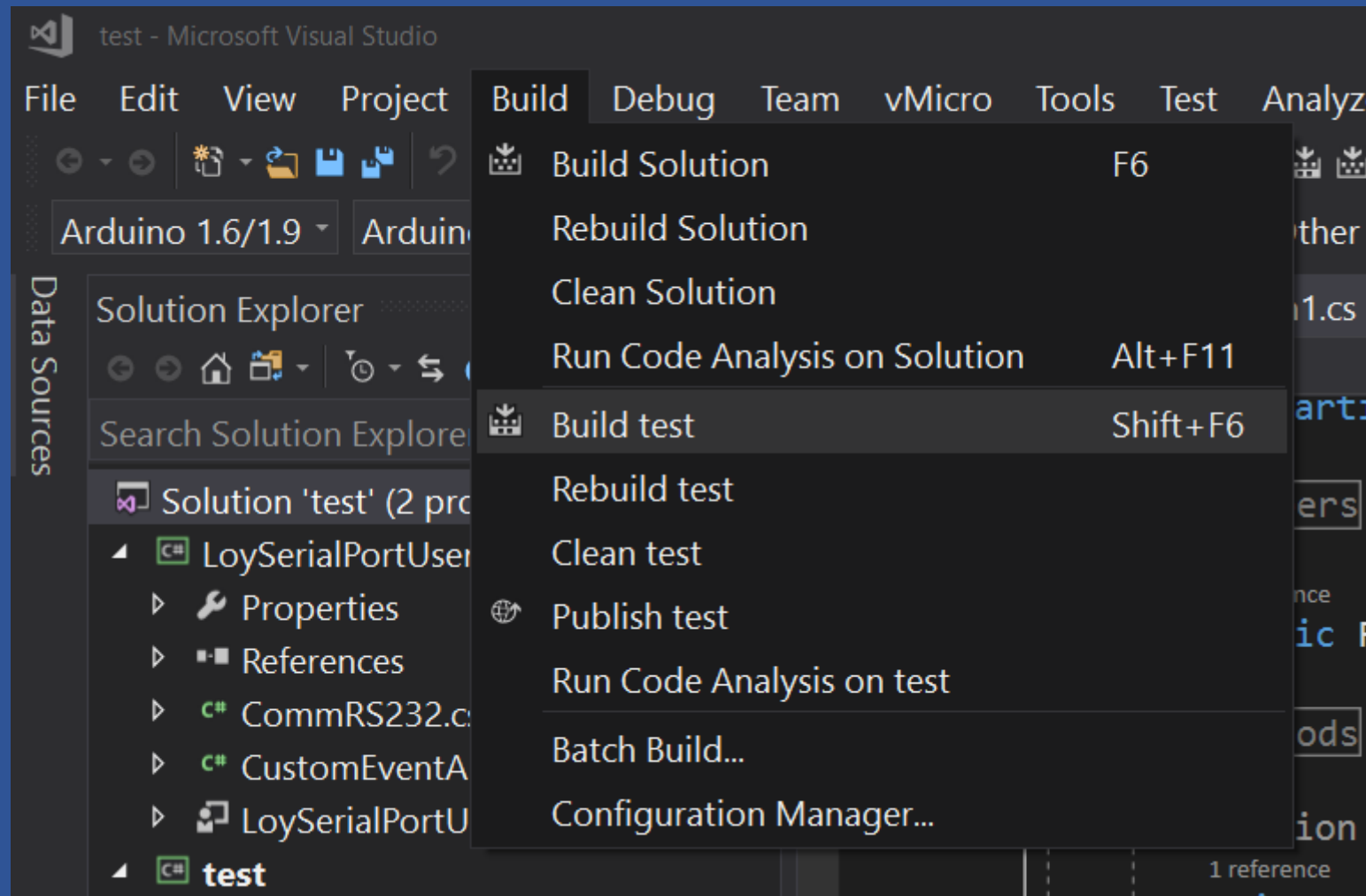
# Code Entering

```

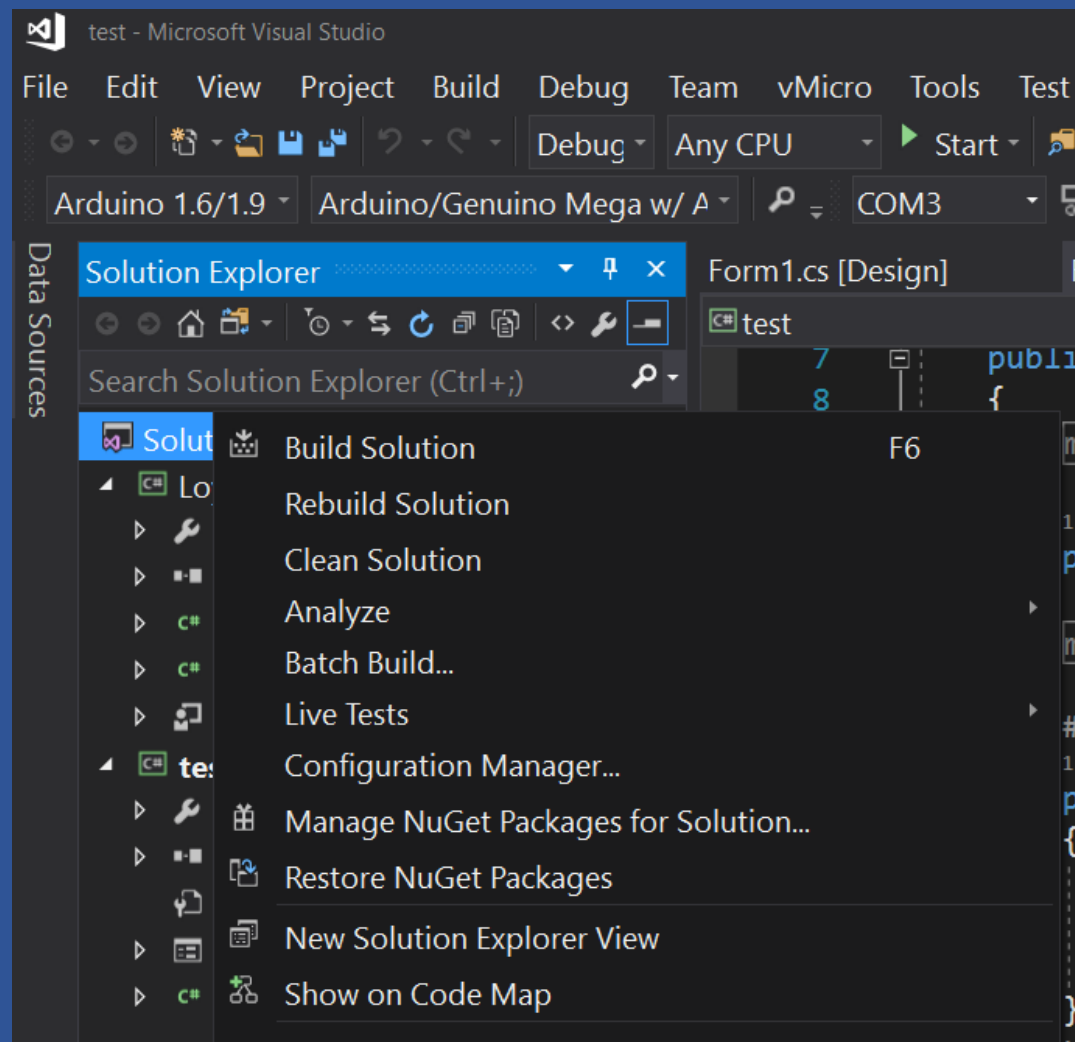
7      public partial class Form1 : Form
8      {
9          members
10
11      25      1 reference
12      26      public Form1()...
13
14      31
15      32      methods
16
17      388
18      389      #region event
19      390      1 reference
20      390      private void LoySerialPortUc1_OnDataReceived(string s)
21      391      {
22      392          ShowChar(s);
23      393          ShowHex(s);
24      394          loySerialPortUc1.Write("b");
25      395      }
26      396      1 reference
27      396      private void ClearButtons()...
28      397      1 reference
29      417      private void buttonClear_Click(object sender, EventArgs e)...
30      418      1 reference
31      424      private void buttonSend_Click(object sender, EventArgs e)...
32      428      #endregion
33      429

```

# Building program

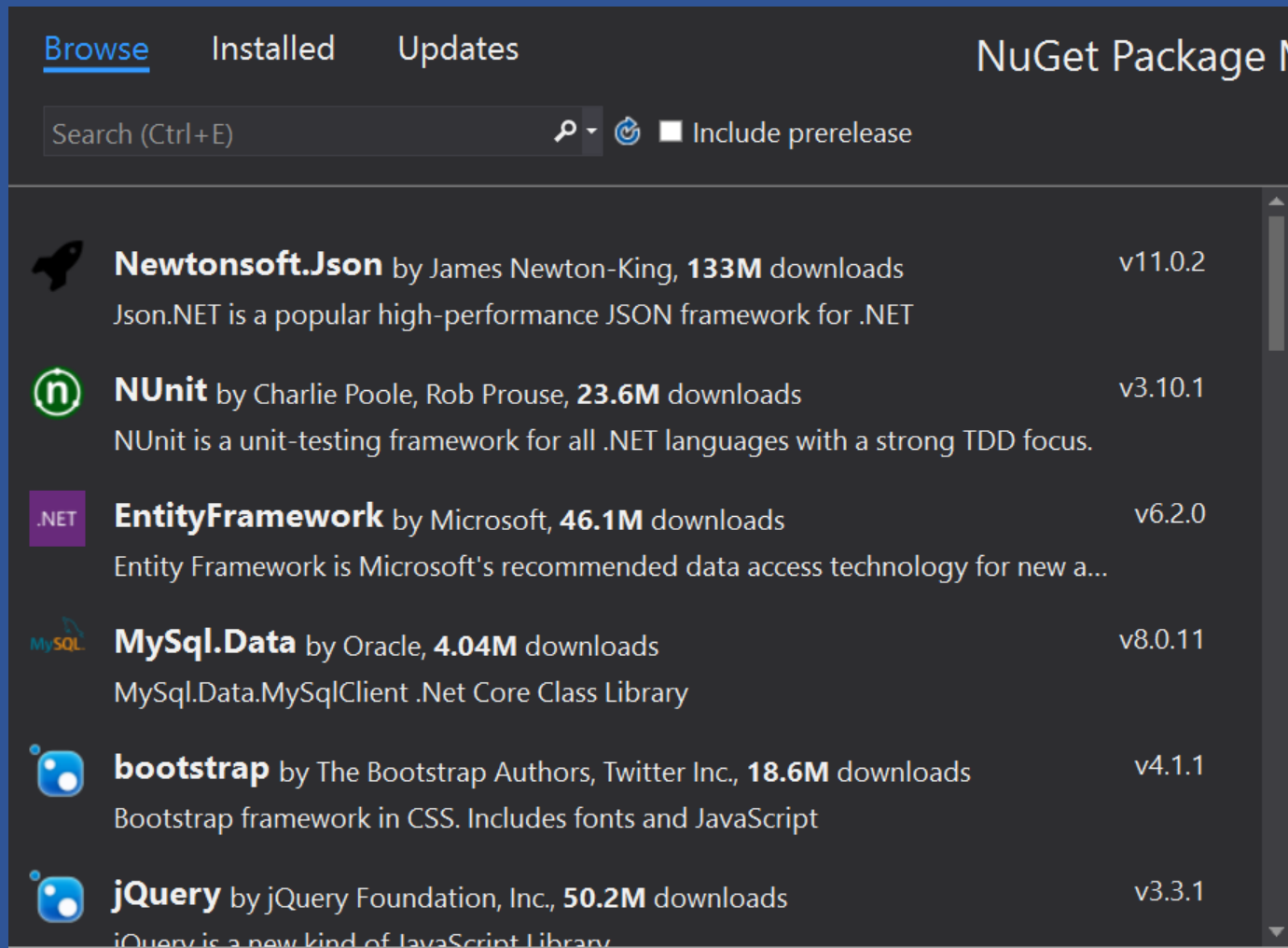


# Managing Solution / Project





# Managing Nuget package



# Excurses

1. Create a New project
2. Rename project / Solution
3. Build program and watch Output message
4. Run program and examine the result
5. Find the description of the `System.Console` class in the standard .NET API documentation (MSDN Library).
6. Find the description of the `System.Console.WriteLine()` method and its different possible parameters in the MSDN Library.

7. Compile and execute the sample program from this chapter using the command prompt (the console) and Visual Studio.
8. Modify the sample program to print a different greeting, for example "Good Day!".
9. Write a console application that prints your first and last name on the console.
10. Write a program that prints the following numbers on the console 1, 101, 1001, each on a new line.
11. Write a program that prints on the console the current date and time.
12. Write a program that prints the square root of 12345.