

User Manual for Lotto Number Generator

Overview:

Welcome! The following are instructions on how to use the Lotto Number Generator application.

This application will demonstrate the potential benefits of being able to validate lottery ticket numbers through an ASP.NET MVC core application.

The program is easy to use, it requires inputting a total of 4 numbers, and then selecting a "Check Ticket" button, which will then return a randomly generated lottery ticket and a count to how many numbers match.

Requirements:

- ✓ Microsoft Visual Studio 2019.

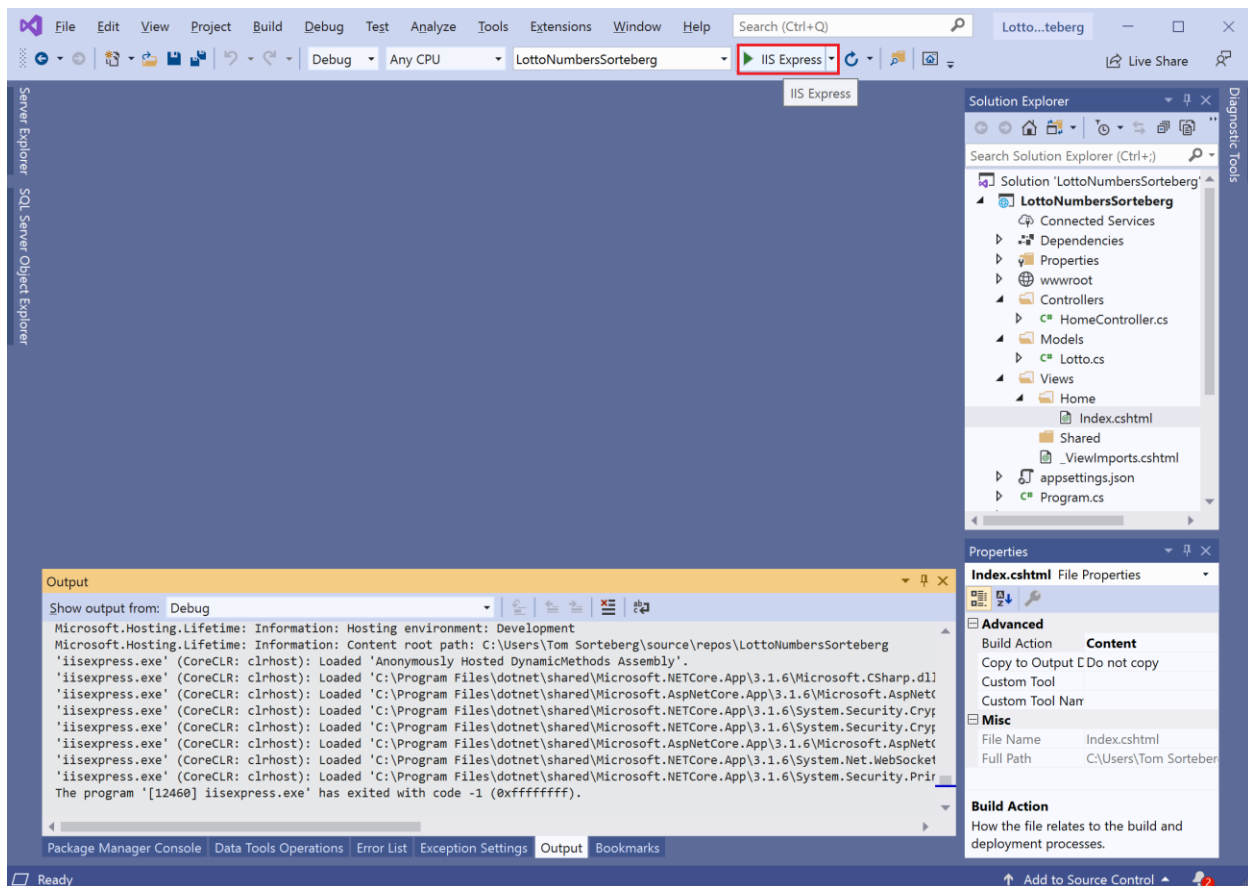
Instructions:

- 1) If you have not done so already, you will need to download and install Microsoft Visual Studio 2019. This software is available for free from the following link:

<https://visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=Community&rel=16>.

- 2) Once installed, download the "LottoNumbersSorteberg.zip" file. Unzip the file and open the project by selecting the "LottoNumbersSorteberg.sln" file.

- 3) After the project has been opened, click on the “IIS Express” button on the navigation bar towards the top of the window as shown below:



- 4) The program may take a few seconds to start and should open in a web browser as shown in the next screen.

Lotto Number Generator

This program will help you validate lottery ticket numbers against randomly generated numbers.

Please enter a number between 1-72 in each box and then select, 'submit'.

First Number:

Second Number:

Third Number:

Fourth Number:

Winning Number:

Numbers Matching: 0

[Clear](#)

- 5) Once the application is running, you simply type a series of 4 numbers between 1 and 72 into the input boxes provided as demonstrated below.

Lotto Number Generator

This program will help you validate lottery ticket numbers against randomly generated numbers.

Please enter a number between 1-72 in each box and then select, 'submit'.

First Number:

Second Number:

Third Number:

Fourth Number:

Winning Number:

Numbers Matching: 0

[Clear](#)

- 6) Once you have finished entering in your numbers, select the “Check Ticket” button at the bottom of the form as shown below.

Lotto Number Generator

This program will help you validate lottery ticket numbers against randomly generated numbers.

Please enter a number between 1-72 in each box and then select, 'submit'.

First Number:
27

Second Number:
32

Third Number:
15

Fourth Number:
49

Winning Number:
{27,43,61,21}

Numbers Matching:
1

[Check Ticket](#) [Clear](#)

You may notice that there is a “Winning Number:” field, which displays the series of random numbers generated for the ticket. There is also a “Numbers Matching:” field which displays the sum of the ticket numbers that match the random numbers.

- 7) If for some reason, you forget to enter any numbers or enter input that is invalid, the application will notify you. You simply need to follow the instructions, re-enter valid input, and select the “Check Ticket” button. If for some reason you would like to clear all the fields simultaneously, there is also a link labeled ‘Clear’ that will reset all of the field contents.

Lotto Number Generator

This program will help you validate lottery ticket numbers against randomly generated numbers.

Please enter a number between 1-72 in each box and then select, 'submit'.

First Number:
[]
ERROR: Cannot be blank.

Second Number:
-1
The field SecondNumber must be between 1 and 72.

Third Number:
73
The field ThirdNumber must be between 1 and 72.

Fourth Number:
0
The field FourthNumber must be between 1 and 72.

- 8) You can check ticket numbers an unlimited number of times. When you are finished with the application, just close your browser window and then close Visual Studio.

Thanks for checking out the App...

-Tom Sorteberg