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Article



Run Your Bot Application In Bot Framework Channel Emulator

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Introduction

This article will help you run a Bot application of counting the words in Bot Framework, using Bot Framework Channel Emulator.

What is Microsoft Bot?

Microsoft Bot helps you build and deploy the bot which you can utilize for conversations and have a good experience. The Bot Framework allows you to build, connect, manage, and publish the bots that interact wherever users are talking – from text/SMS to Skype, Facebook Messenger, Office 365 Mail, and other services.

Important Links

- [Bot Framework and to build your first Bot Application](#)
- Download the latest Bot Framework Channel Emulator from this
- Download Bot Application template from this [link](#) and add it on your directory address - "%USERPROFILE%\Documents\Visual Studio 2015\Templates\ProjectTemplates\Visual C#".

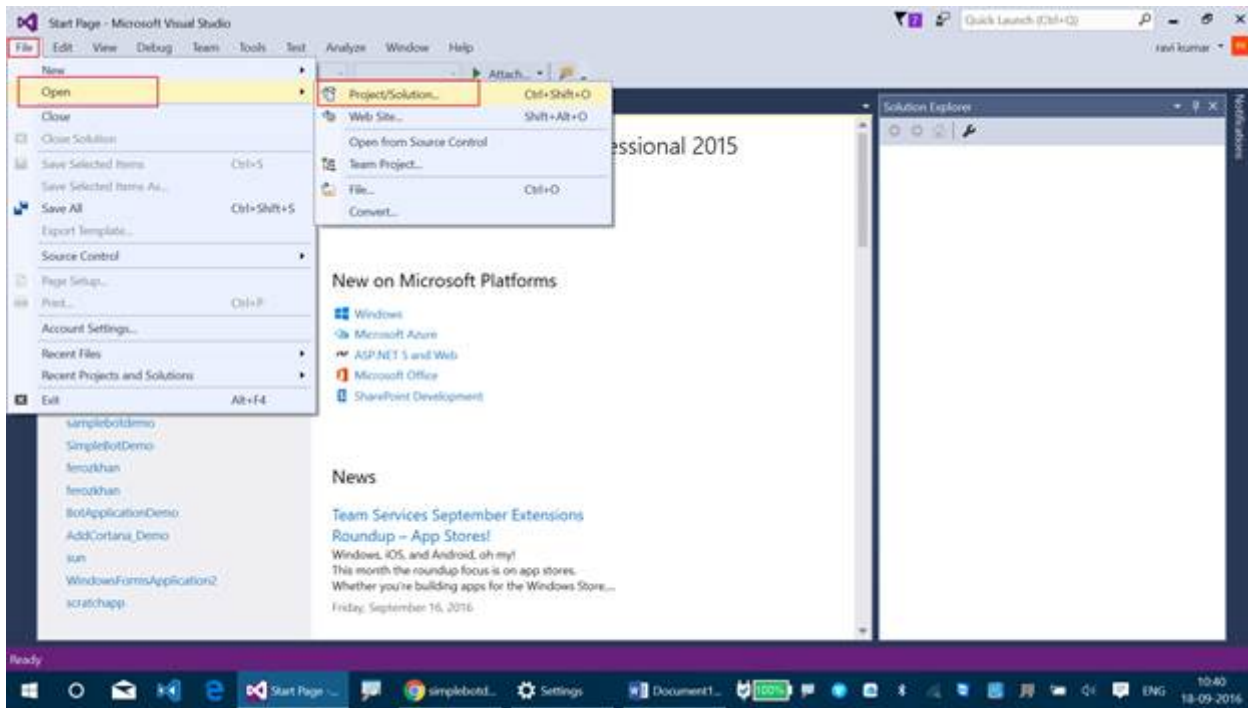
Pre-requisites to work on this demo.

1. Visual Studio 2015
2. Bot Application Template added in your Visual Studio 2015.

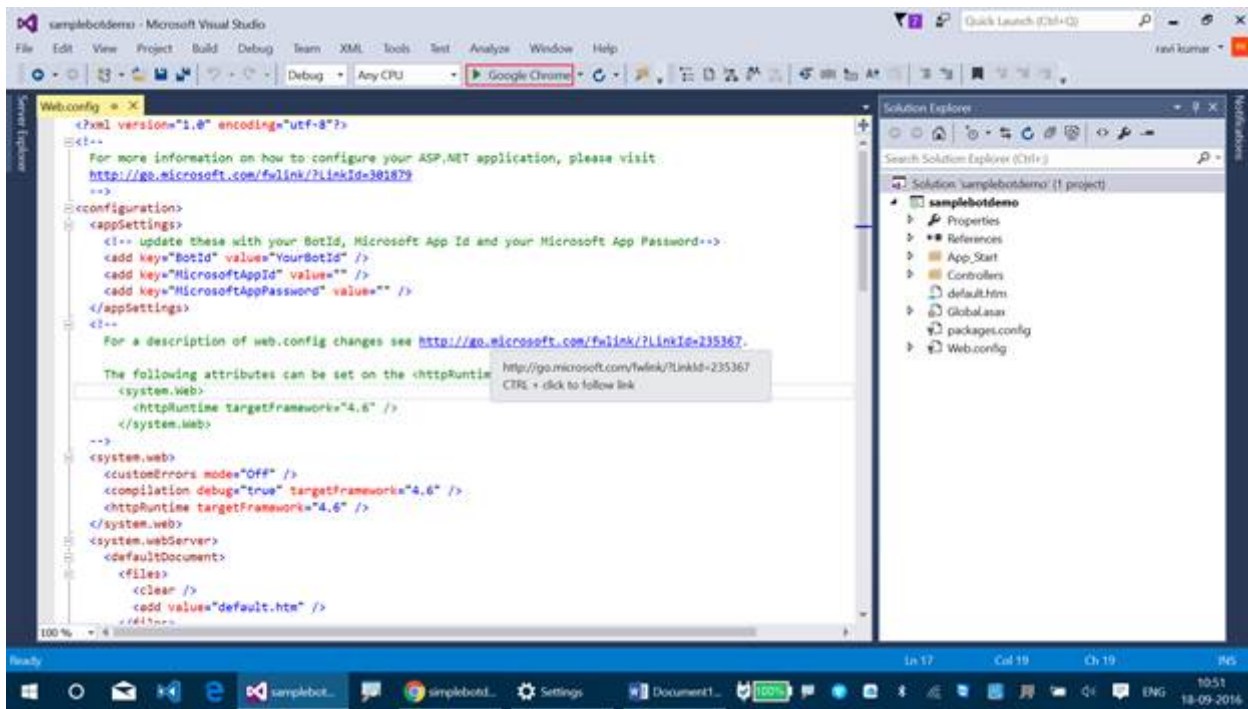
Follow the below steps, now, to run your Bot application in the Emulator.

Step 1 - Open Visual Studio 2015 with the project that you have already created in the previous demo. You can go through the above links to learn how to create your bot application project.

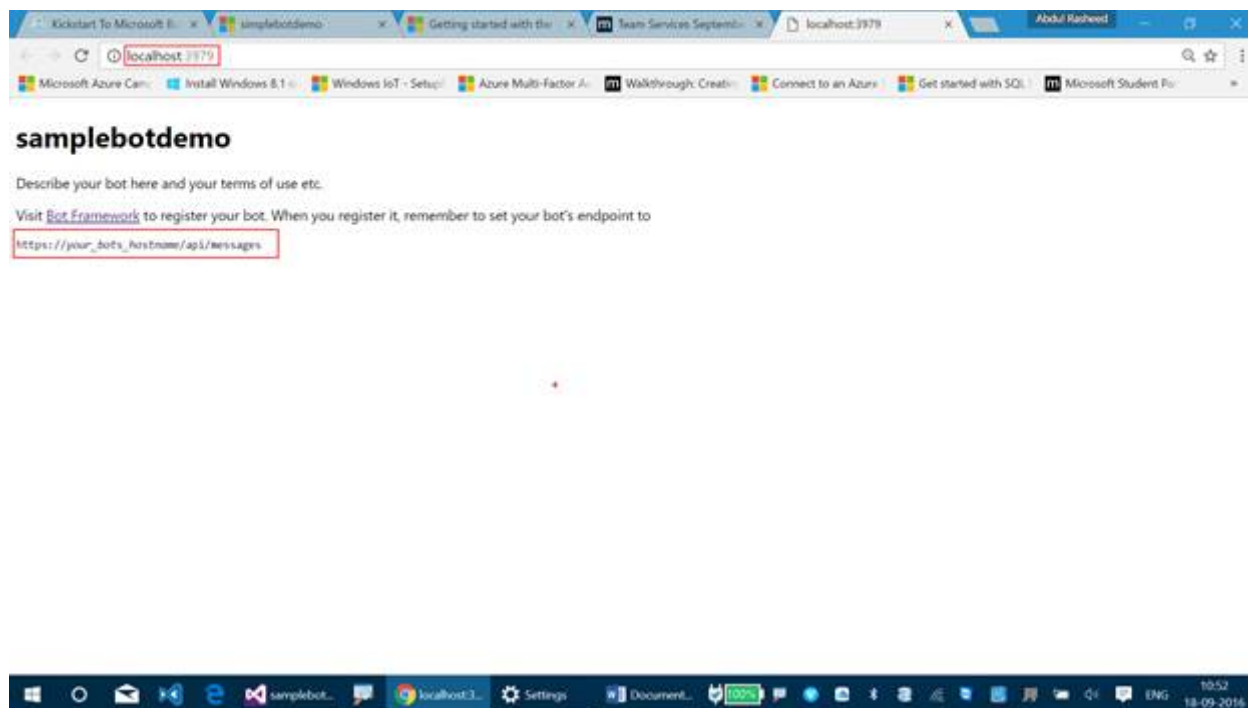
Now, go to File >> Open >> Project/Solution.



Step 2 - Run this project using your desired browser in Visual Studio 2015.

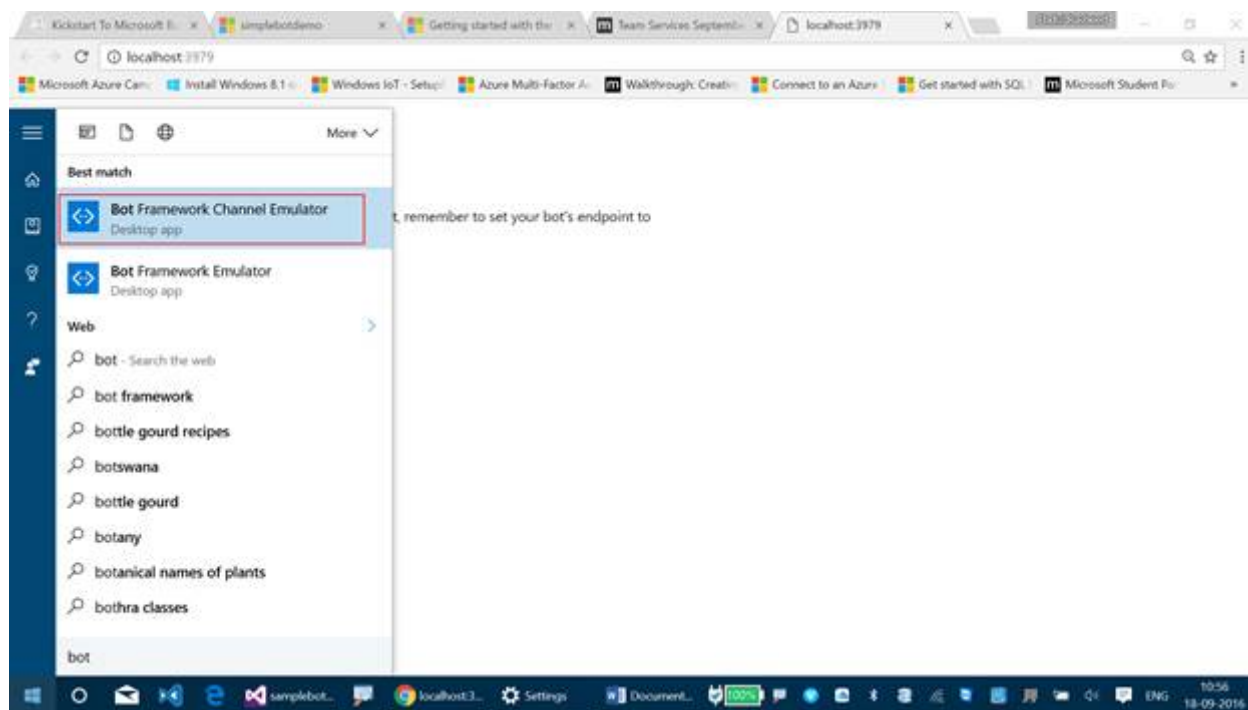


You will be getting the following screen.

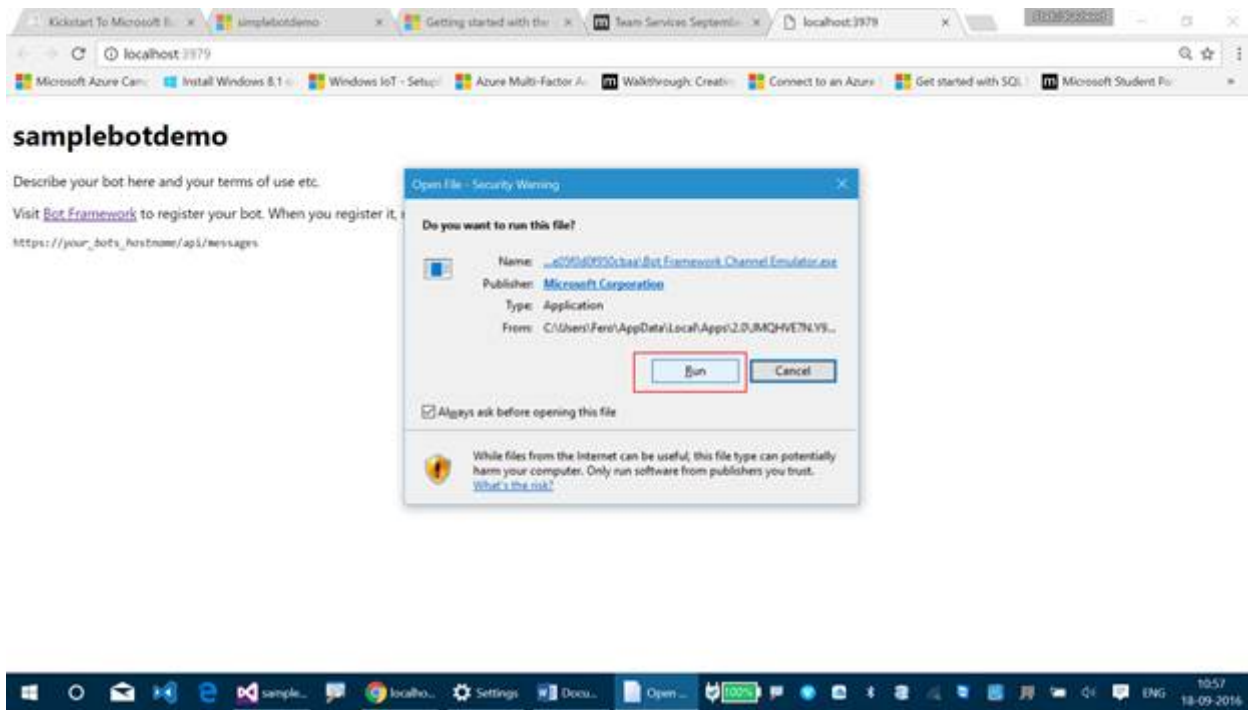


Copy the URL from the browser and make sense on the directory link given in the body content of page, which we will be using in the Emulator now.

Step 3 - Open Bot Framework Channel Emulator, now. (Start >> Bot Framework Channel Emulator.)



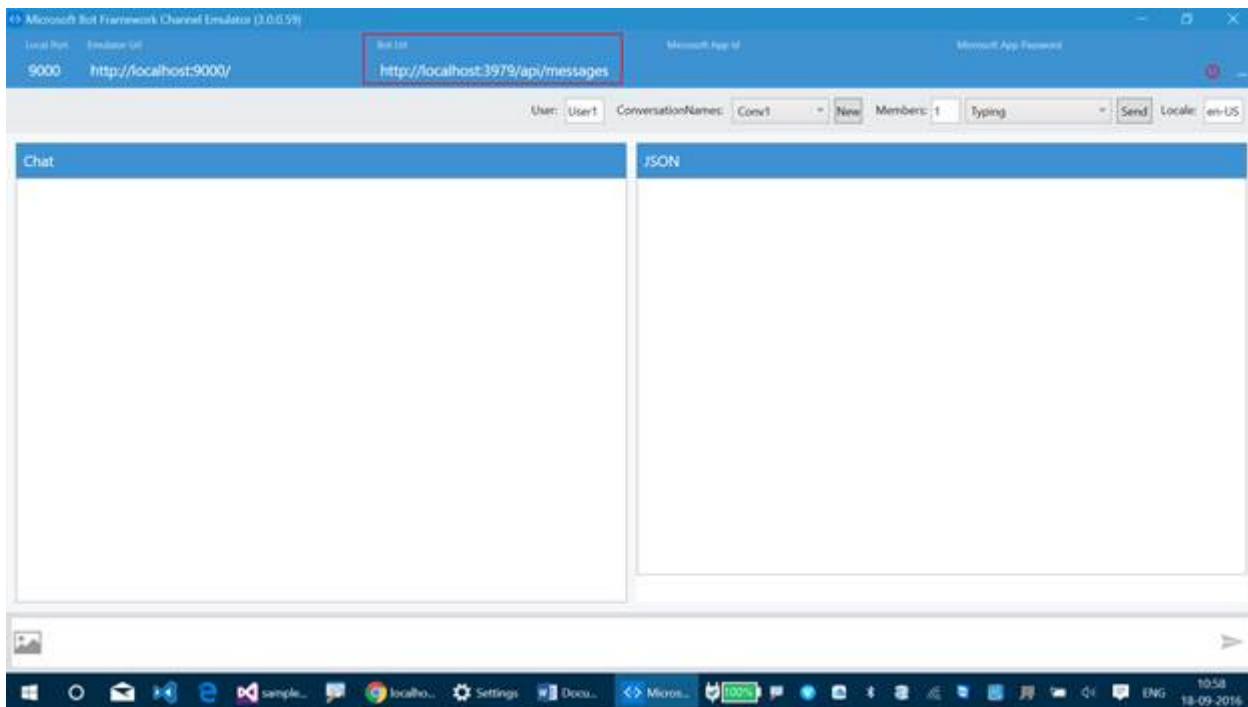
Click on Run.



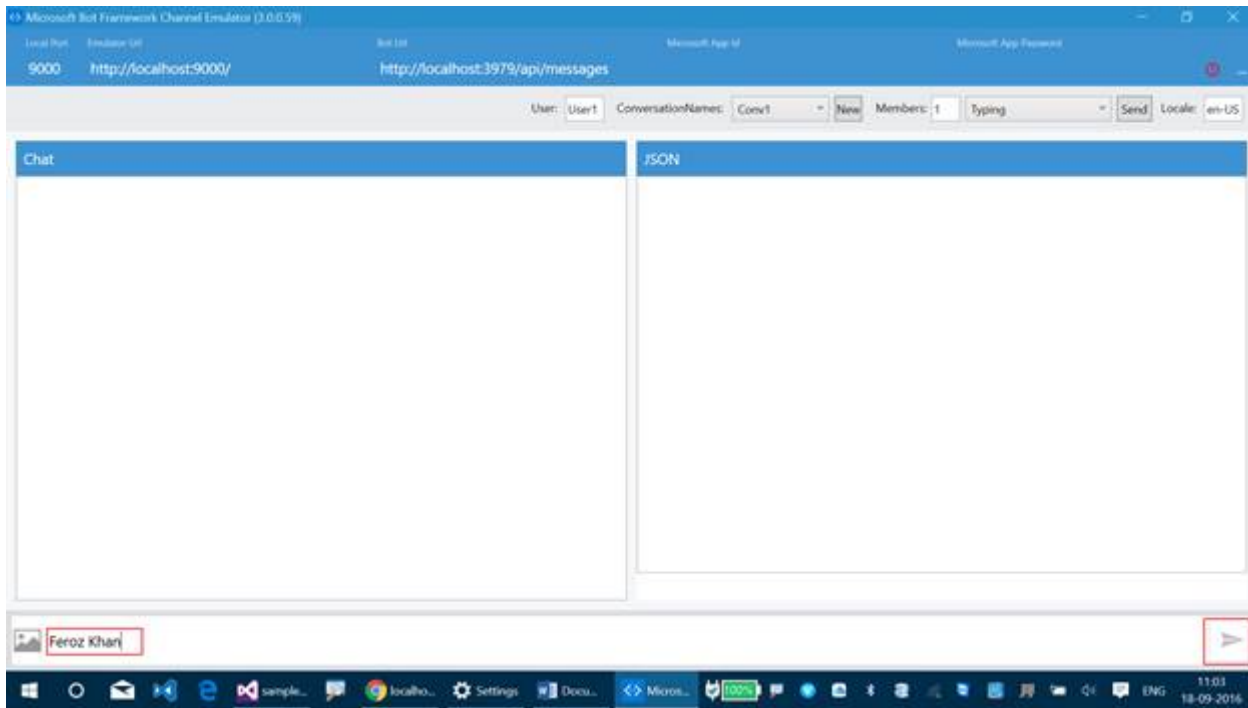
Step 4 - In the Bot URL, replace the default one with the URL localhost address of which you got from the web browser.

http://localhost:3979/ - Localhost address which you got from the web browser.

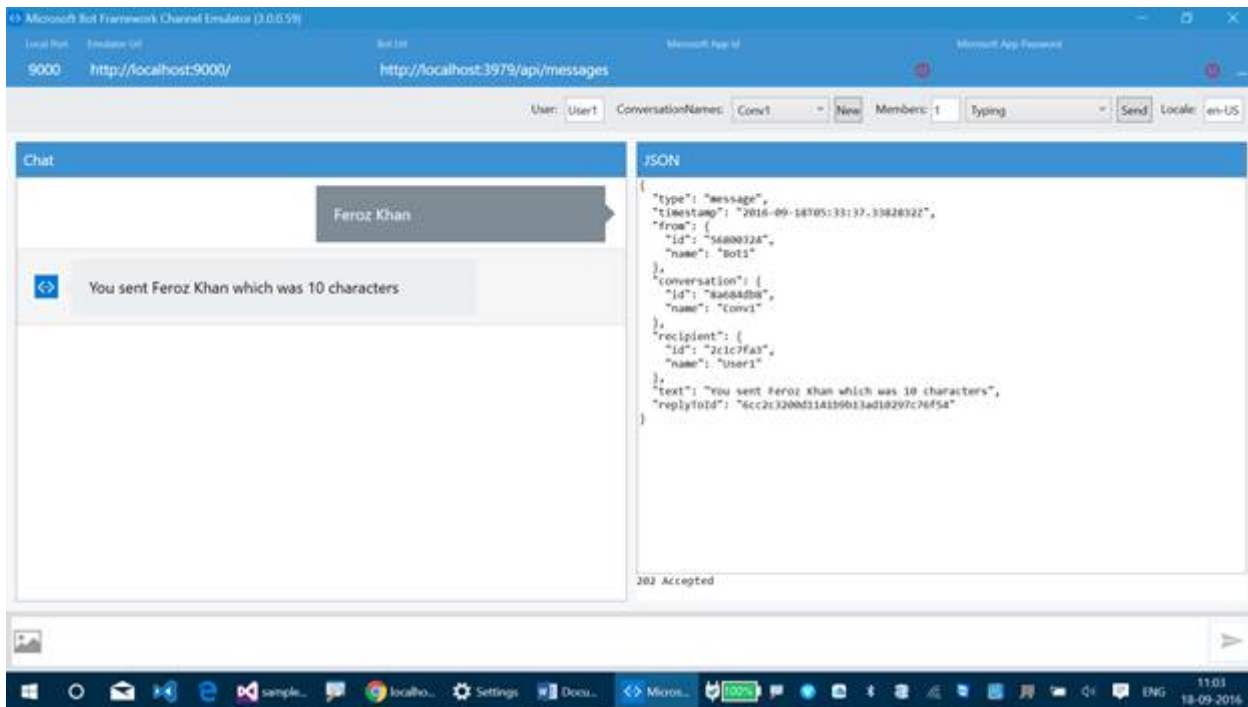
http://localhost:3979/api/messages - Bot URL for Emulator.



Step 5 - Type any word in the below **Chat** pane and click on the **Send** button below.



That's it. This was how you run the Bot Application which displays the number of characters from the text you entered in the text pane. Here, in the below screen, we have the number of characters displayed from the text I have entered.



Follow my next article to work on publishing your Bot Application to Microsoft Azure and registering your Bot with Microsoft Bot Framework.

Thank you for using C# Corner