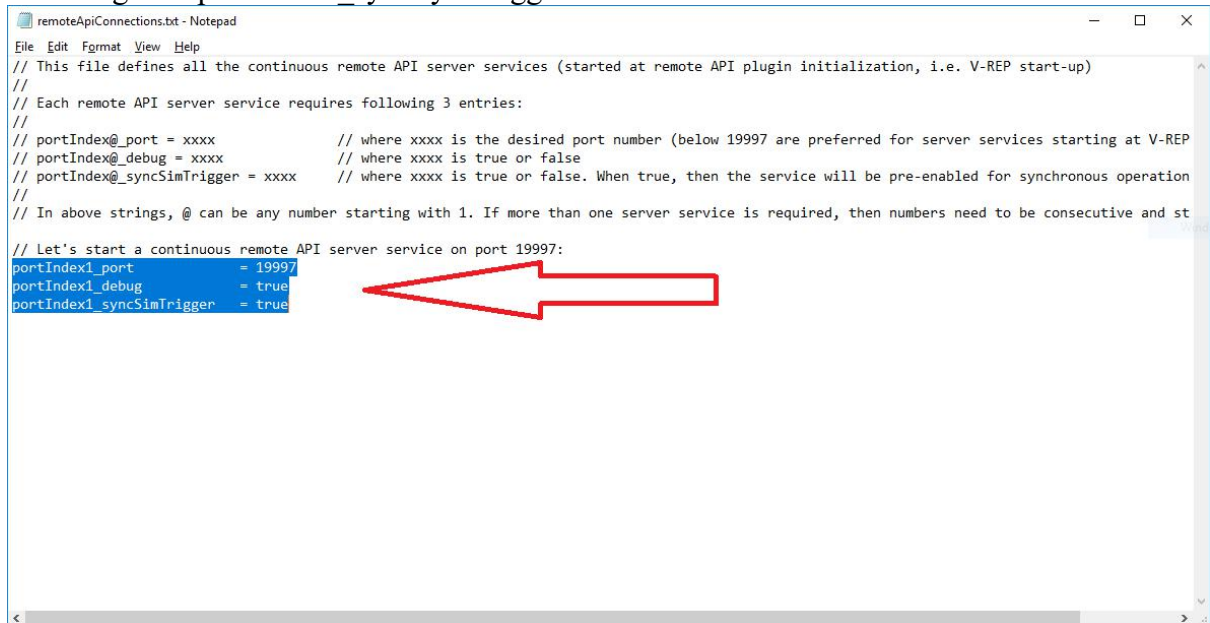# Task 0 – Testing Instructions

Follow these instructions to test the installations of your IDE and V-REP

- Open the folder in which V-REP is installed. For Windows, by default, this will be in, "C:\Program Files\V-REP3\V-REP_PRO_EDU"
- Open the file "remoteApiConnections.txt"
  - ➢ Note down the port number i.e. value of portIndex1_port.
  - ➢ Change the portIndex1_debug value to true.
  - ➢ Change the portIndex1_syncSymTrigger value to true.

Figure 1:

- Start V-REP.
- Open the file "Task_0_NS_Project.sln" provided to you in the "Task_0_NS_VS_Project" folder.

- Go to Build and click on "Build Solution", alternatively you can press Ctrl+Shift+B. You should see that the Build has succeeded in the Output window near the bottom. Refer to Figure 2.
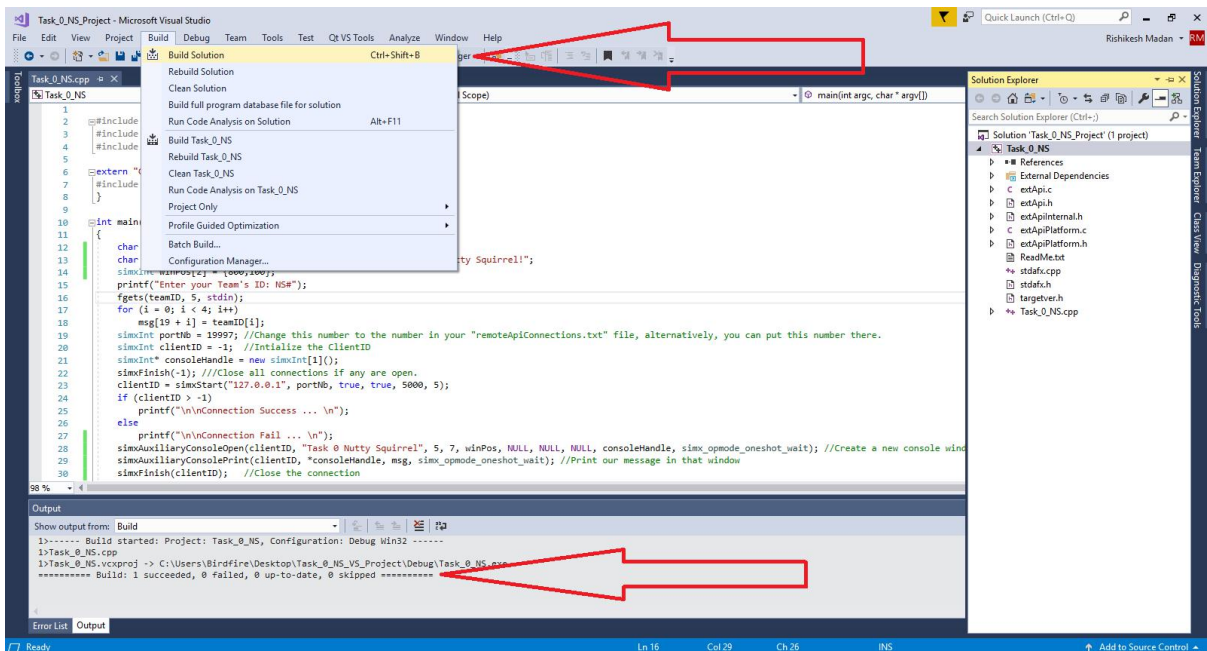

Figure 2: Building the Project

- After the build has finished, click on Start Local Debugger. Refer to Figure 3.
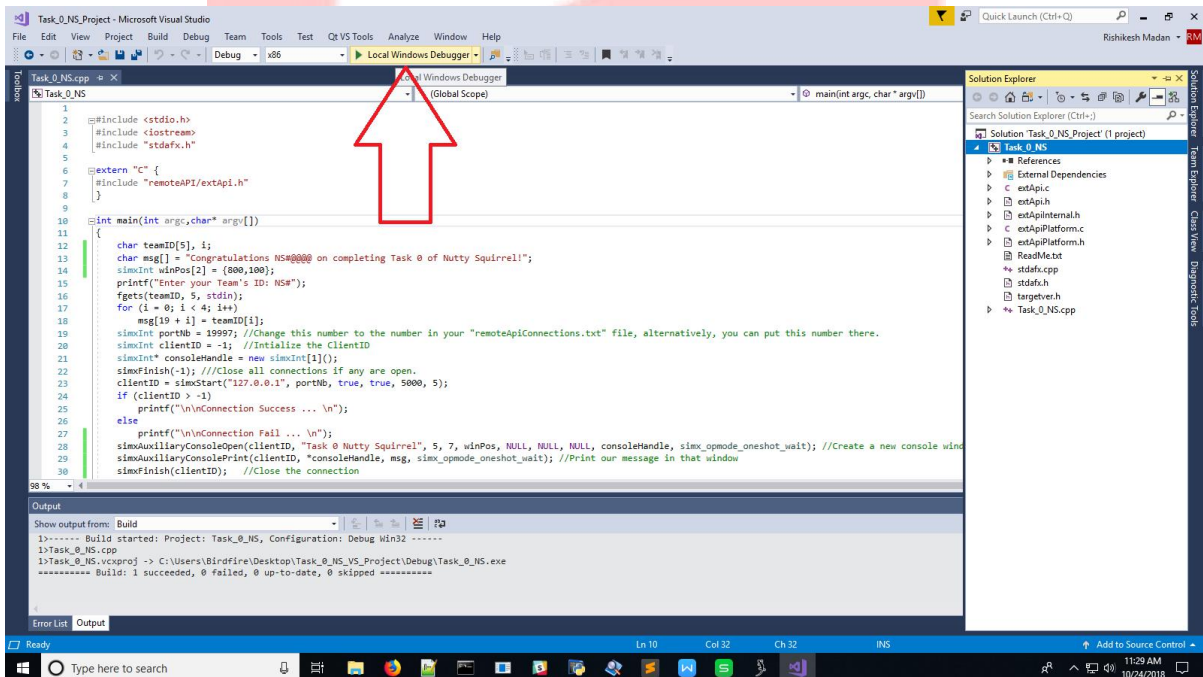

Figure 3: The Local Windows Debugger Button

- Alternatively you can go to the location, "Task_0_NS_VS_Project\Debug" and run the "Task_0_NS.exe" file.

- A console should now appear, in its prompt, enter your numerical team ID.

Figure 4: The Console Prompt

- Switch to V-Rep, you should see two dialog boxes, one with the connection information, and one with the message we sent earlier. Take a screenshot of these two along-with the Visual Studio Debug Console window. Refer to Figure 5 as to how your screenshot should look like.
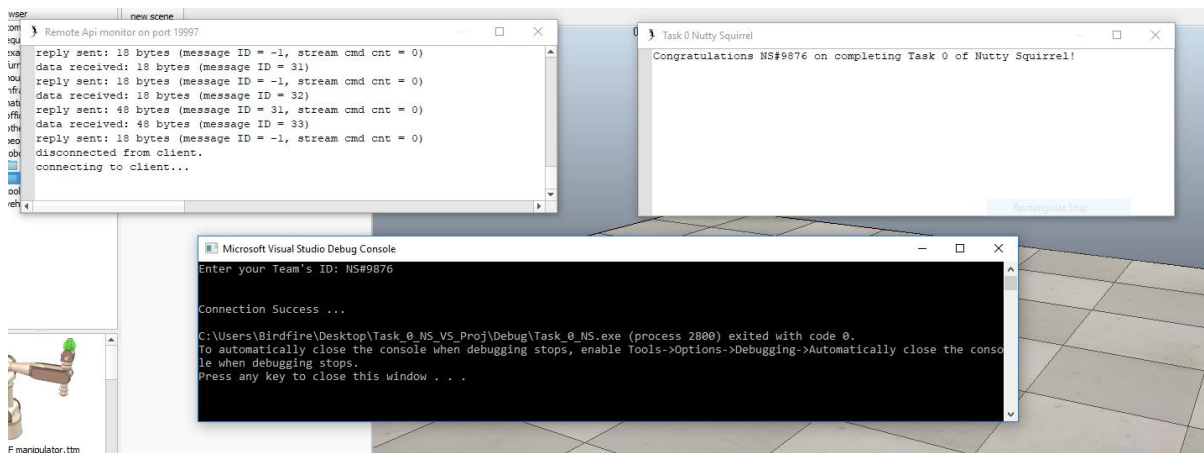

Figure 5: The Screenshot

Submission Instructions:

- Save the screenshot as *NS#****_Task_0.png* where ***** is your Team ID. For example, if the Team ID is 12, save it as, *NS#0012_Task_0.png*.
- Upload this image on the portal.