

GE211

C++ Programming Lab

Eng.Ali Maarouf
<http://fac.ksu.edu.sa/alimaarouf>

GE211
C++ Programming

Lab #0

Eng.Ali Maarouf
<http://fac.ksu.edu.sa/alimaarouf>

GE211 Lab Policy

Labs:

- 10 Labs (Excluding Lab 0)
- 2 or 3 Exercises per lab
- 2 or 3 PostLab Exercises

Grades:

- Attendance and Post Labs 10%
- Exam 10%

C++ IDE (Integrated Development Environment)



Dev C++ (Open Source)

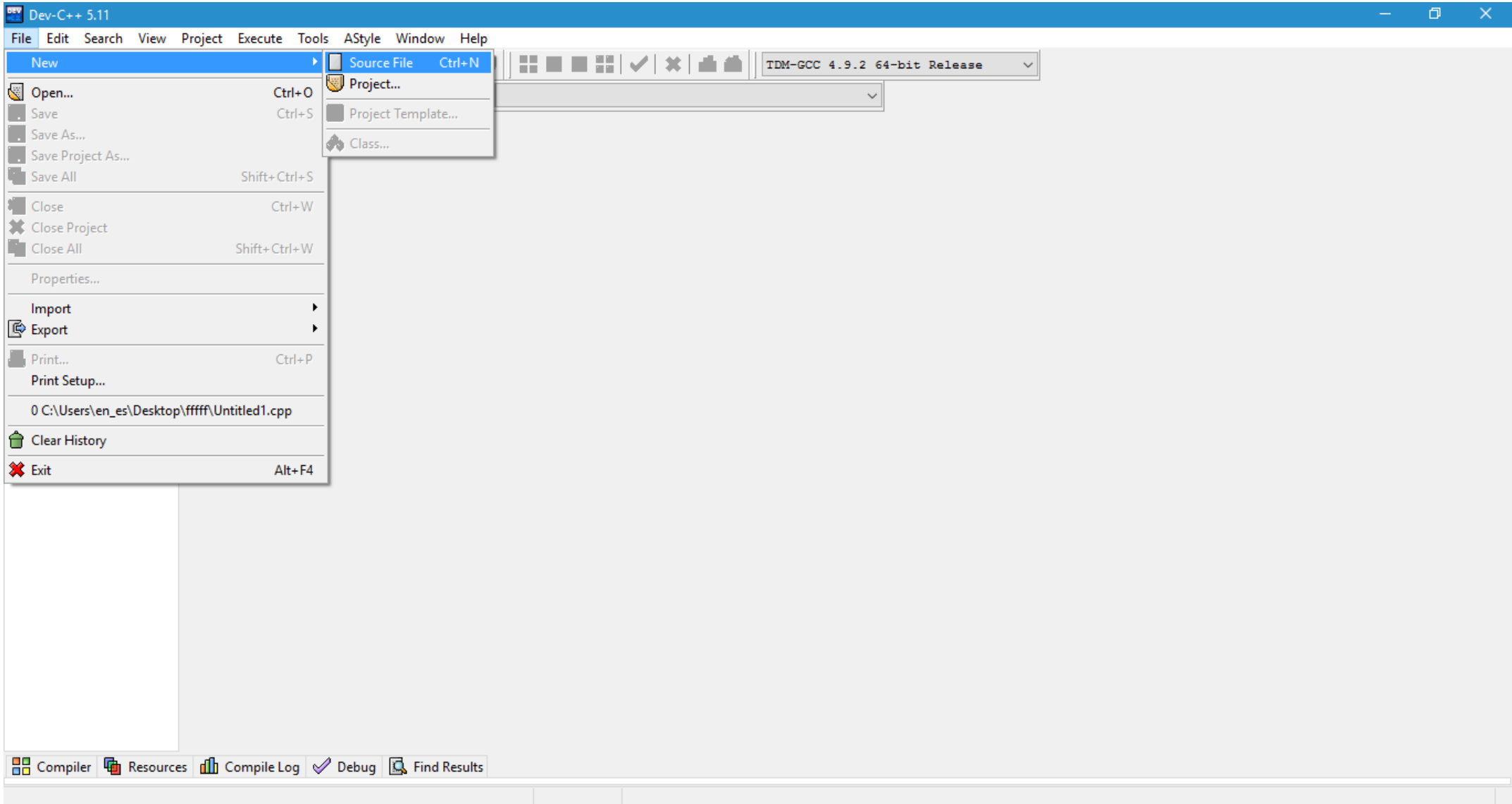
<http://www.bloodshed.net/dev/devcpp.html>



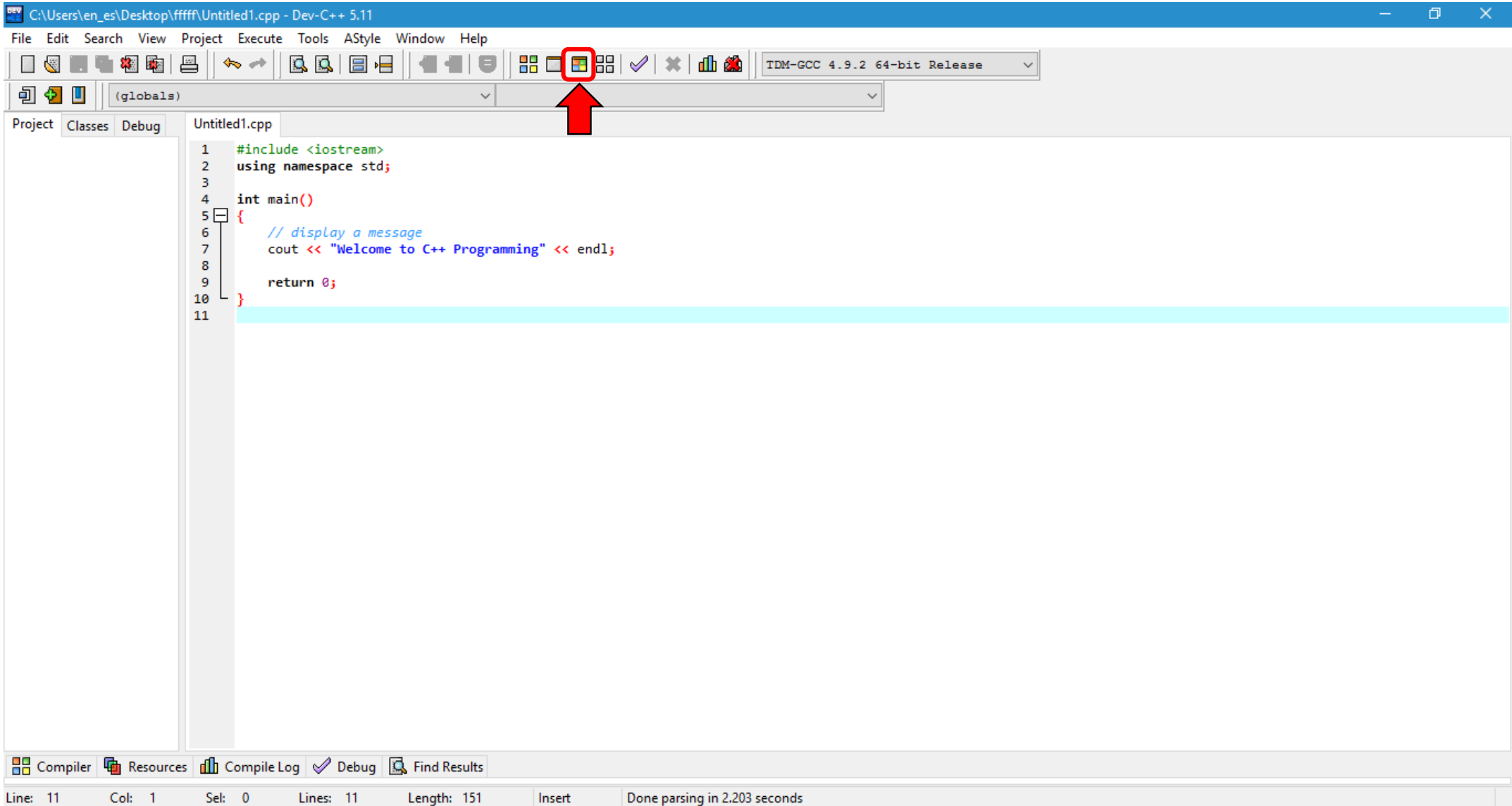
Visual Studio (Visual Studio Community 2015 is Free)

<https://www.visualstudio.com/downloads/>

Dev C++



Dev C++



Visual Studio

Start Page - Microsoft Visual Studio

File Edit View Debug Team Tools Test Analyze Window Help

Quick Launch (Ctrl+Q)

Esam Almohimmah

Visual Studio

Start

New Project...

Open Project...

Open from Source Control...

Recent

- NavigationMenu
- SaudiPhone
- WiFiHotspot
- DIP
- App1
- UWApp1
- ContactCards
- App4

Discover Visual Studio Community 2015

New to Visual Studio? Check out coding tutorials and sample projects
Get training on new frameworks, languages, and technologies
Create a private code repo and backlog for your project
See how easy it is to get started with cloud services
Discover ways to extend and customize the IDE

Ready to Cloud-power your experience?

[Connect to Azure](#)

News

[Xamarin Around the World with Xamarin Dev Days](#)
Xamarin Dev Days are the place to find free hands-on Xamarin training, live demos, and a fun environment to build your very own cloud-based Xamarin.Forms appl...
NEW Wednesday, September 28, 2016

[Microsoft at CppCon 2016 \(C++ team blog\)](#)
CppCon is the annual, week-long face-to-face gathering for the entire C++ community. The conference is organized by the C++ community for t...
NEW Wednesday, September 28, 2016

[Team Foundation Server "15" RC 2 now available \(via Brian Harry\)](#)
Today we released RC2 of TFS "15". Among my favorite enhancements since RC1 are an improved pull request experience, pull request auto-complete, and the abilit...
NEW Monday, September 26, 2016

[The week in .NET: On .NET with Steeltoe – C# Functional Extensions – Firewatch](#)
Last week, we had David Morhovich and Zach Brown on the show to talk about Steeltoe. This week, we'll speak with Sébastien Ros about Orchard 2, the new ve...
NEW Friday, September 23, 2016

New on Microsoft Platforms

- Windows
- Microsoft Azure
- ASP.NET and Web

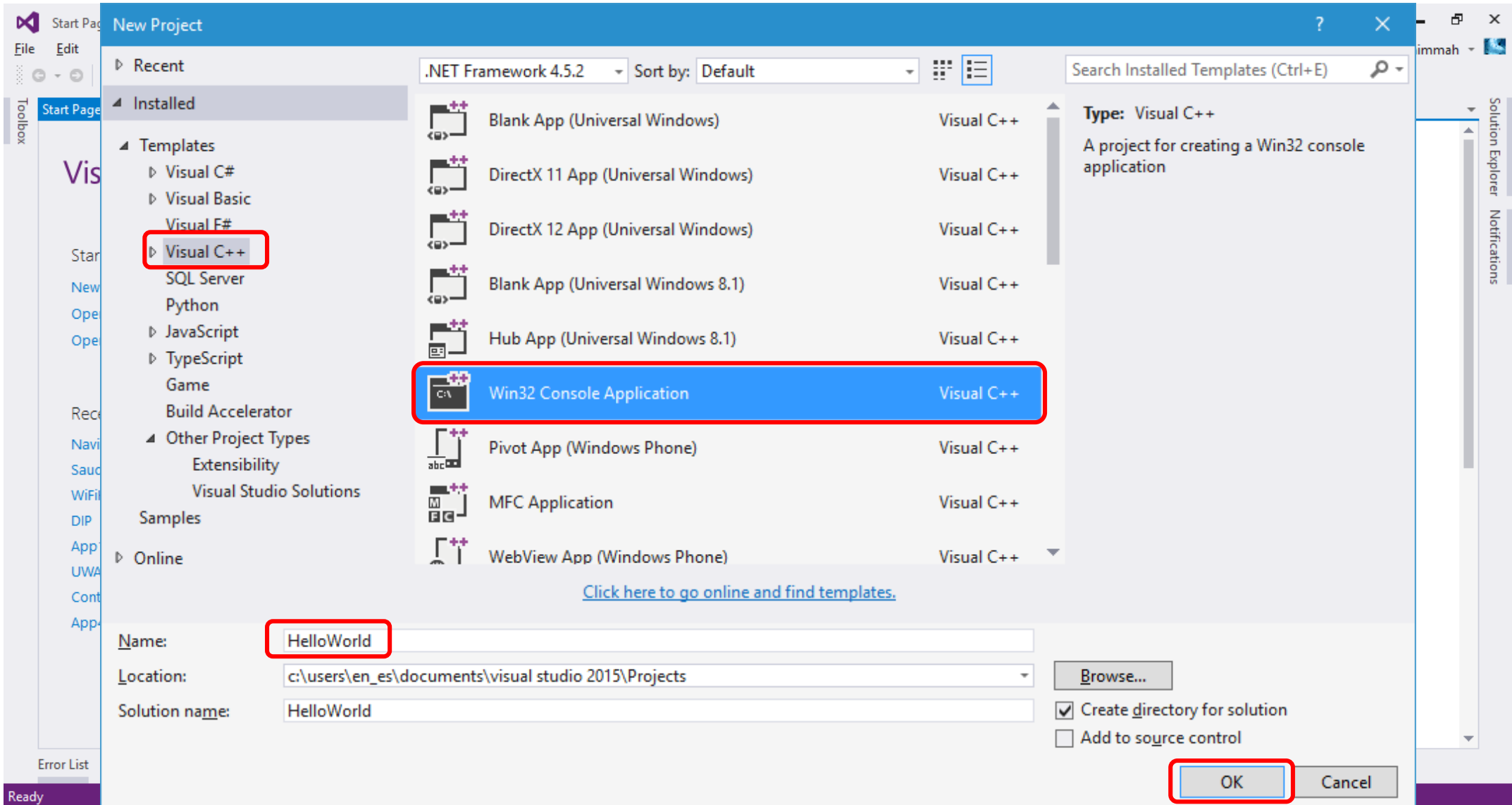
Featured Videos

- [Windows Presentation Foundation \(WPF\) Application Development](#)
15:49
- [What's new in C# 6.0](#)
7:49
- [What's New for .NET 2015](#)

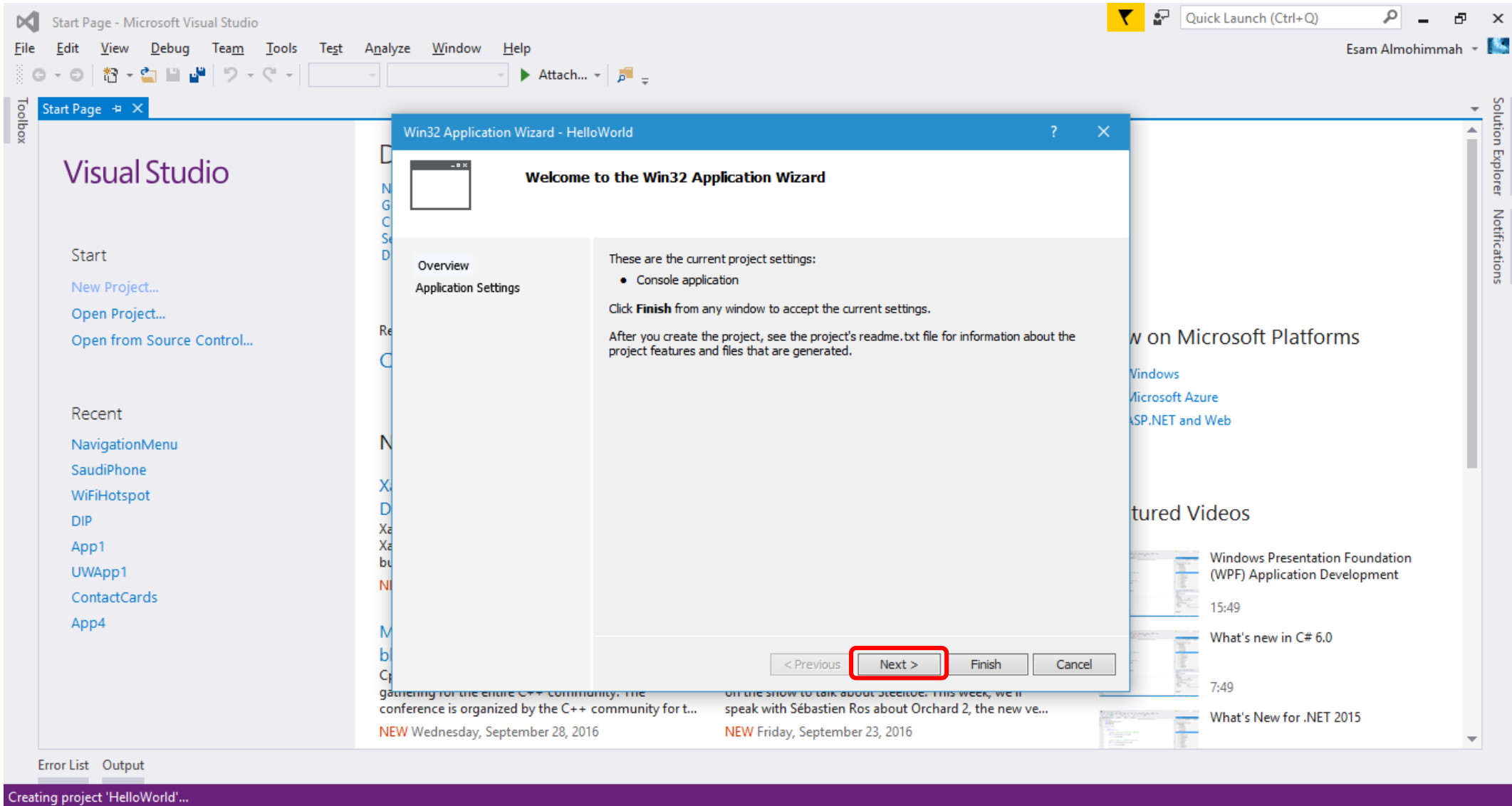
Error List Output

Ready

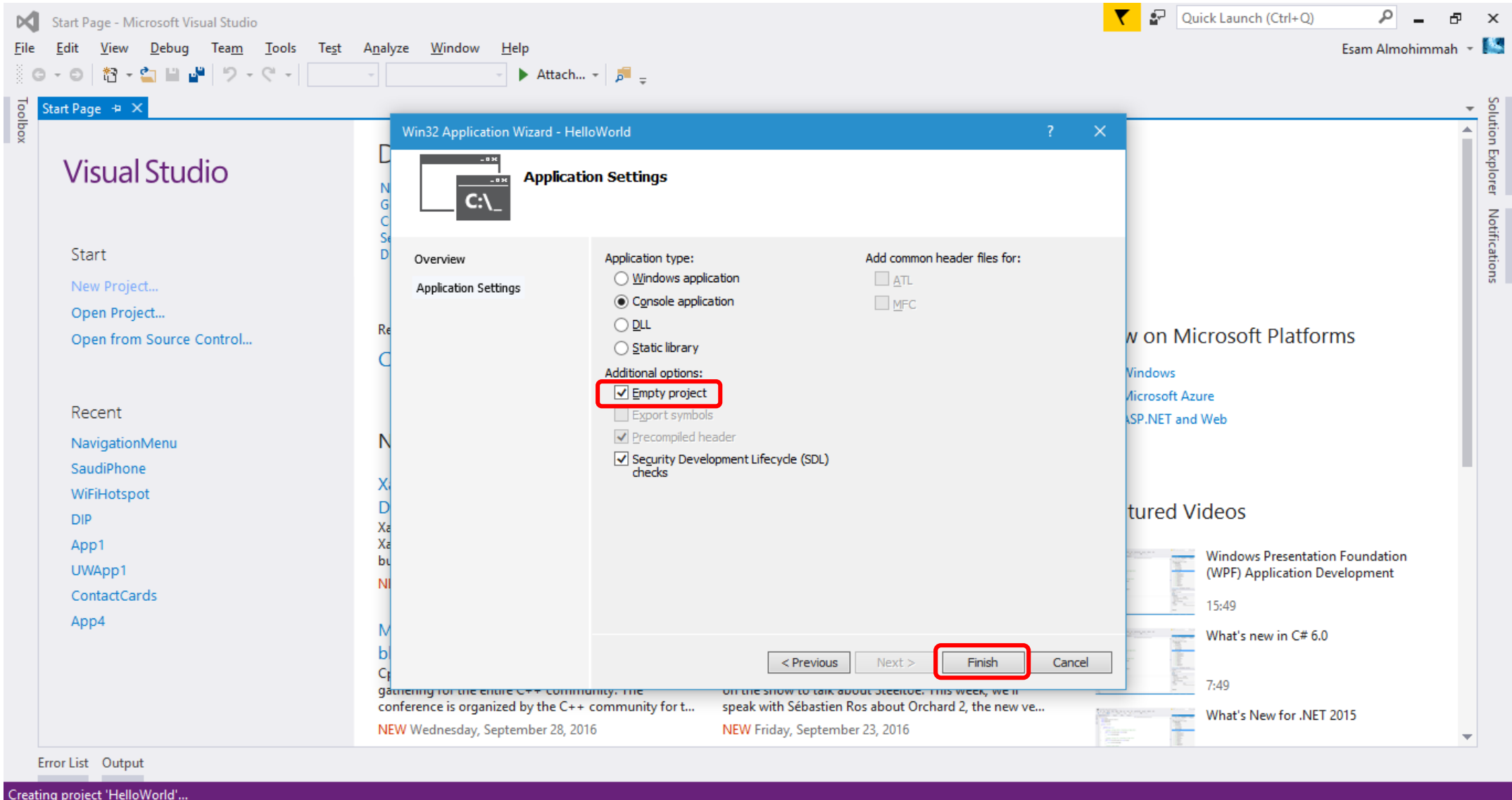
Visual Studio



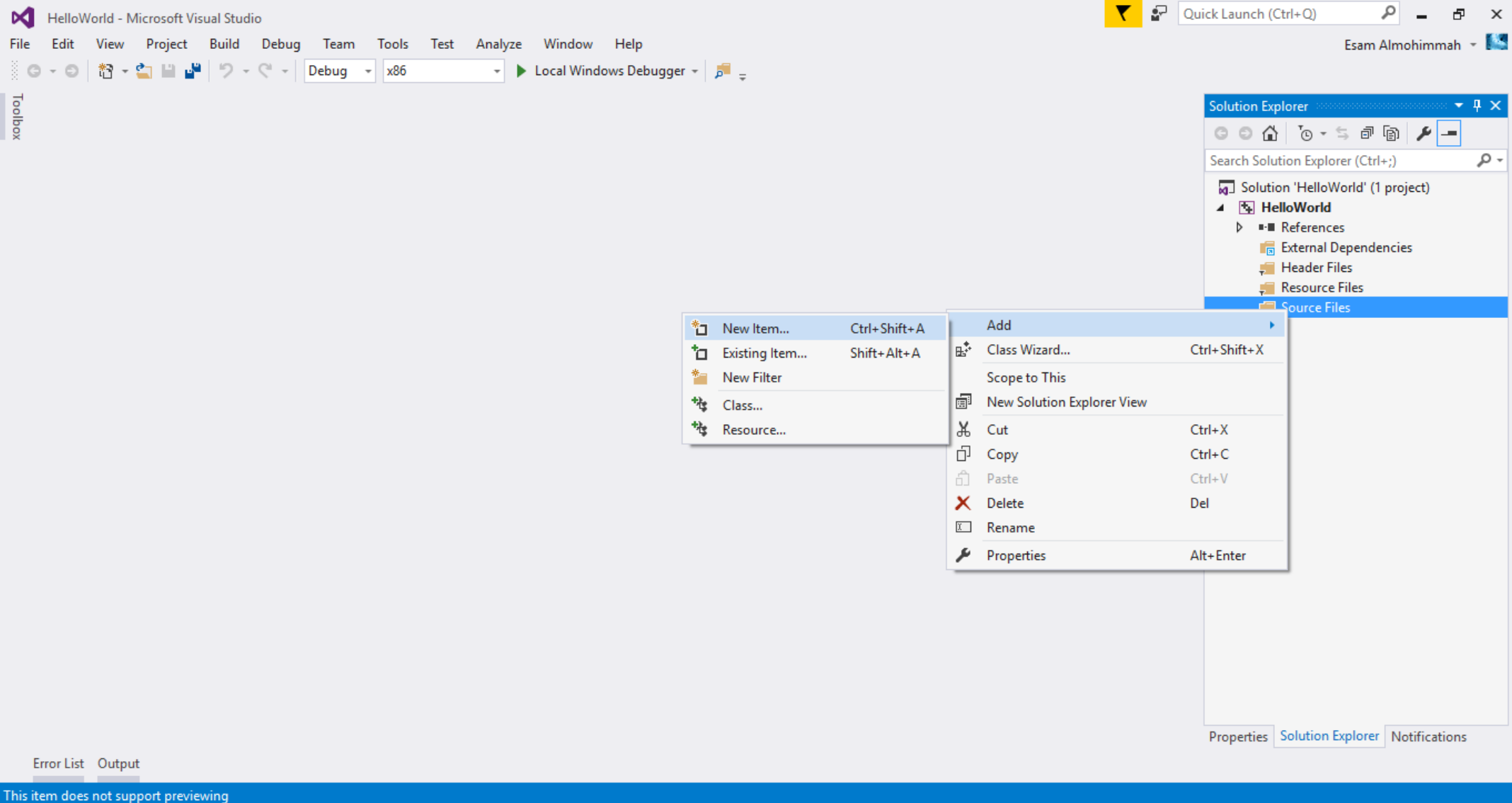
Visual Studio



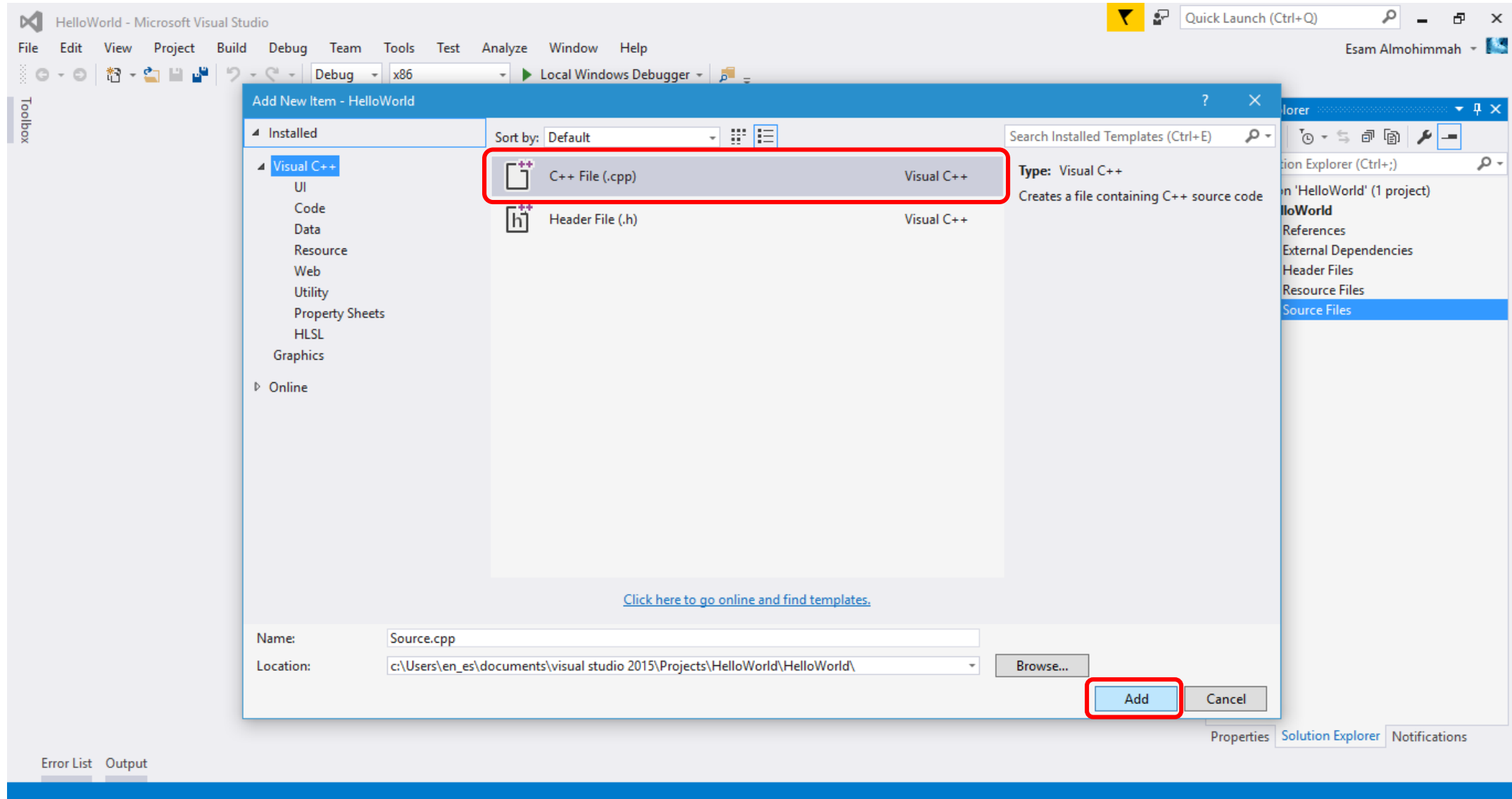
Visual Studio



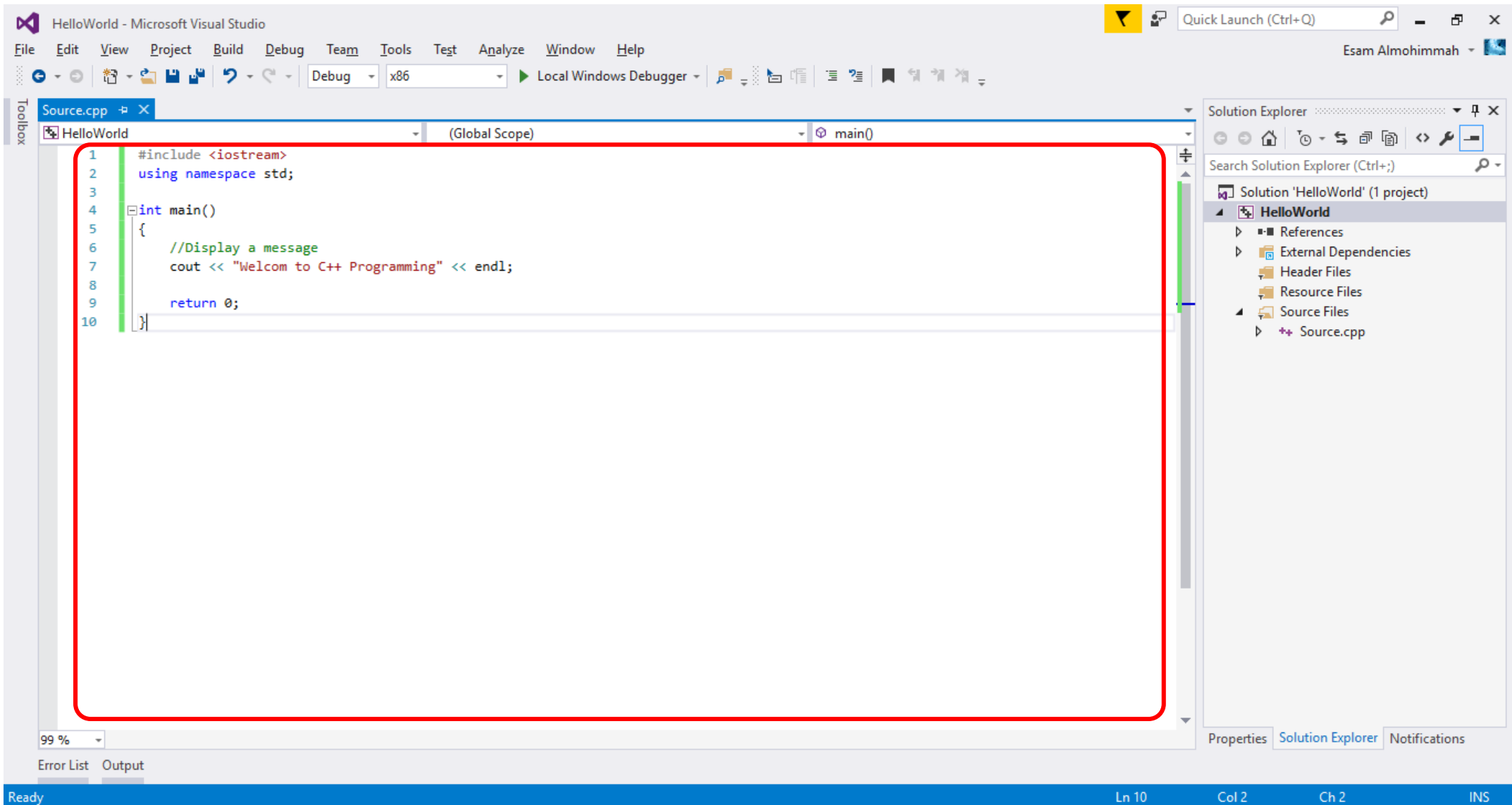
Visual Studio



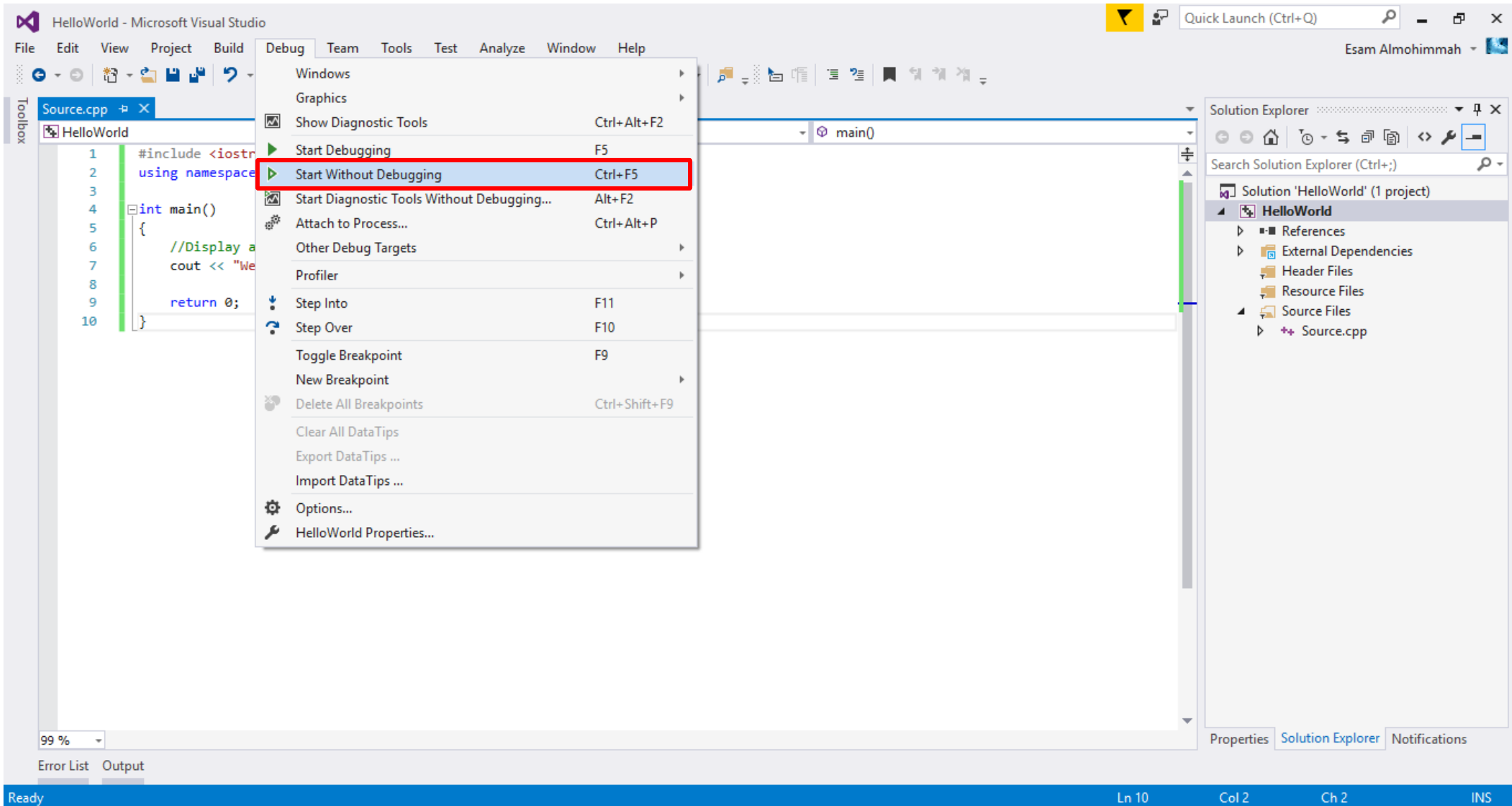
Visual Studio



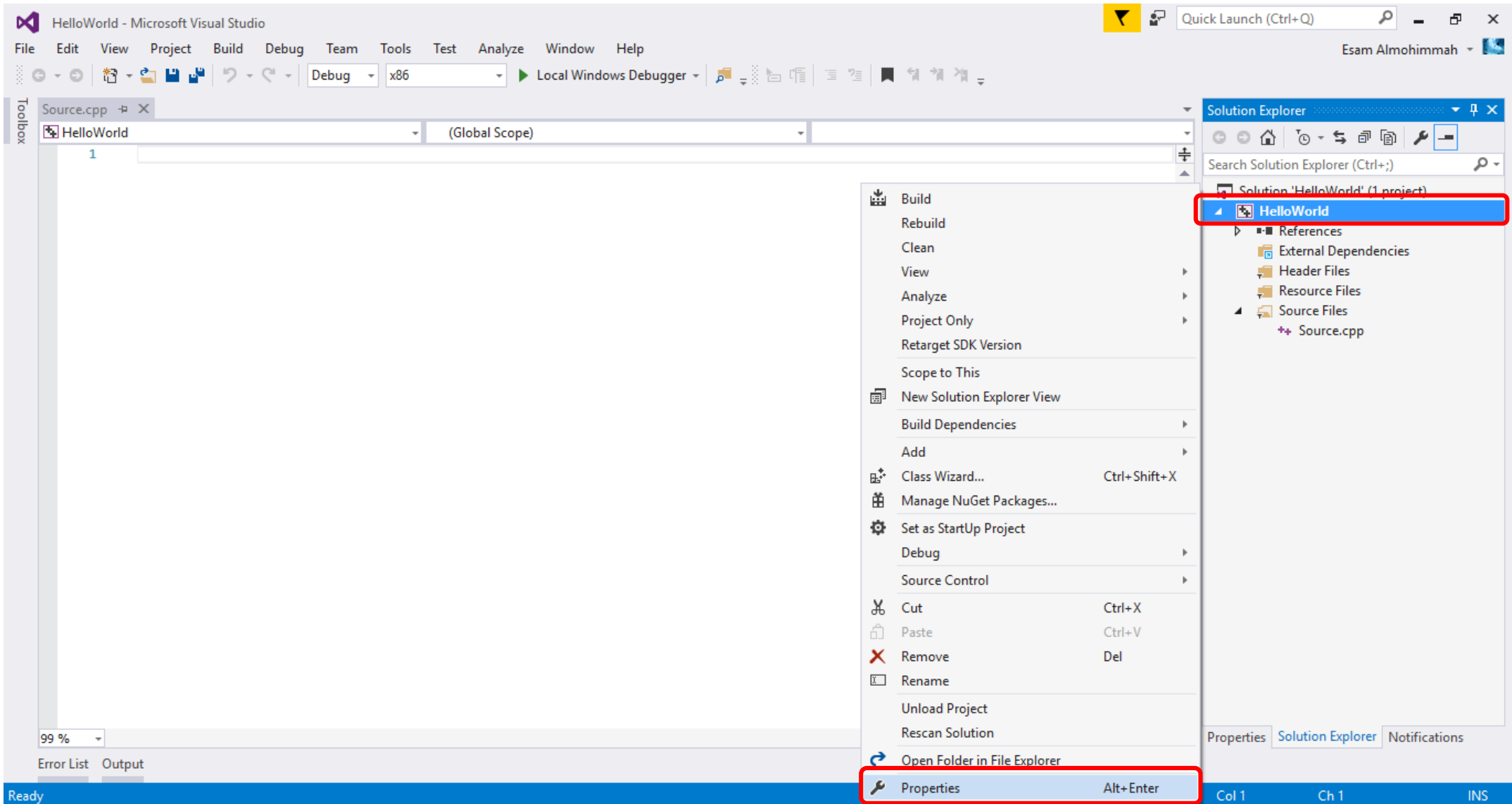
Visual Studio



Visual Studio



Visual Studio: Solving Linker Problem



Visual Studio

The screenshot displays the Visual Studio interface with the 'HelloWorld Property Pages' dialog box open. The 'Linker' category is selected in the left-hand tree view. The 'Enable Incremental Linking' property is highlighted in blue, and its dropdown menu is open, showing 'Yes (/INCREMENTAL)' selected. A red box highlights the dropdown arrow. The Solution Explorer on the right shows the project structure.

Property	Value
Output File	\$(OutDir)\$(TargetName)\$(TargetExt)
Show Progress	Not Set
Version	
Enable Incremental Linking	Yes (/INCREMENTAL)
Suppress Startup Banner	No (/INCREMENTAL:NO)
Ignore Import Library	Yes (/INCREMENTAL)
Register Output	<inherit from parent or project defaults>
Per-user Redirection	No
Additional Library Directories	
Link Library Dependencies	Yes
Use Library Dependency Inputs	No
Link Status	
Prevent Dll Binding	
Treat Linker Warning As Errors	
Force File Output	
Create Hot Patchable Image	
Specify Section Attributes	

Enable Incremental Linking
Enables incremental linking. (/INCREMENTAL, /INCREMENTAL:NO)