To create and run a C program using Visual Studio 2019

• Once Visual Studio is started, click 'Create a new project'.



• Select 'Empty Project' and click Next.

Create a new project	- <i>۹</i>
Recent project templates	Language - Platform - Project type -
A list of your recently accessed templates will be displayed here.	Empty Project Start from scratch with C++ for Windows. Provides no starting files. C++ Windows Console
	Console App Run code in a Windows terminal. Prints "Hello World" by default. C++ Windows Console
	Windows Desktop Wizard Create your own Windows app using a wizard. C++ Windows Desktop Console Library
	Windows Desktop Application A project for an application with a graphical user interface that runs on Windows. Control of the sector of the
	Shared Items Project A Shared Items project is used for sharing files between multiple projects.
	Back Next

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• Enter an appropriate project name. Click 'Create'. A folder of the project name will be added under the *repos* folder.

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HelloWorld			
Place solution and project in the same <u>directory</u>			
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• In the Solution Explorer, right click 'Source Files', choose 'Add' and 'New item' to add a new item.

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• Select 'Visual C++' and 'C++ File(.cpp)'. Change the file extension from .cpp to .c (for example from Source.cpp to Source.c or HelloWorld.c), and then click 'Add'. A blank file will be created.

Add New Item - HelloWorld			?	×
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• Enter the following source program into the editor area.

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- Choose 'Build' and then 'Build HelloWorld' to create the executable file.
- If there are any syntax errors in the source program, the error messages will be displayed in the Output window. If that happens, fix the source program to remove the error messages, until there is no more error.

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- Start the Command Prompt window, use cd commands to change the current directory to where the executable is located (say, c:\users\andrew\source\repos\HelloWorld\Debug).
 NOTE: If your default directory is not the c: drive, enter 'c:' to move to that drive.
- Enter the name of the executable file to run that program.

