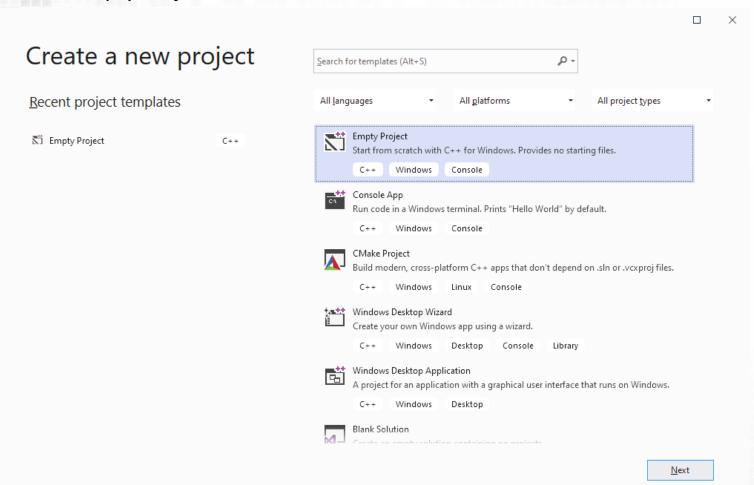
Visual Studio 2019 Overview for C

- ☐ Creating a project
- ☐ Creating a source file
- ☐ Compilation and execution
- ☐ Properties and configurations



Create New Project

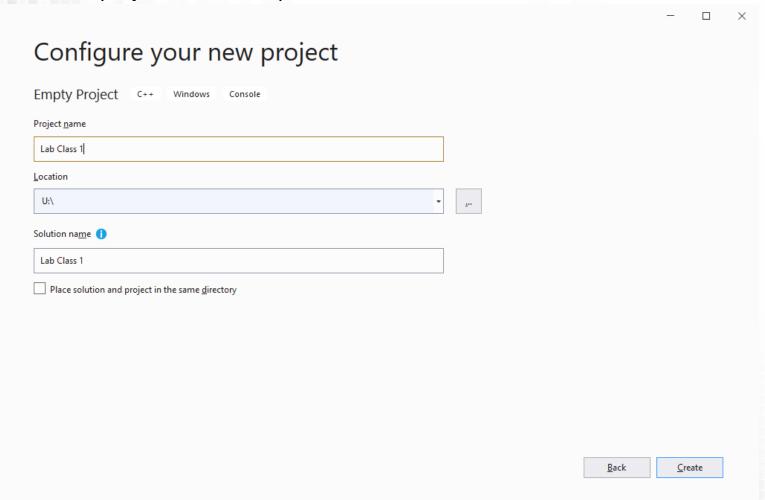
Select "Empty Project" and click Next.



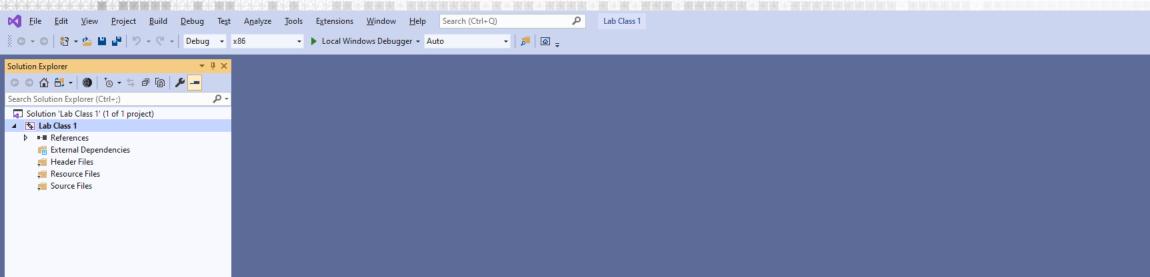


New Project Wizard

Set the location to "U:\" or a subdirectory on this drive and choose a project name and press Create.



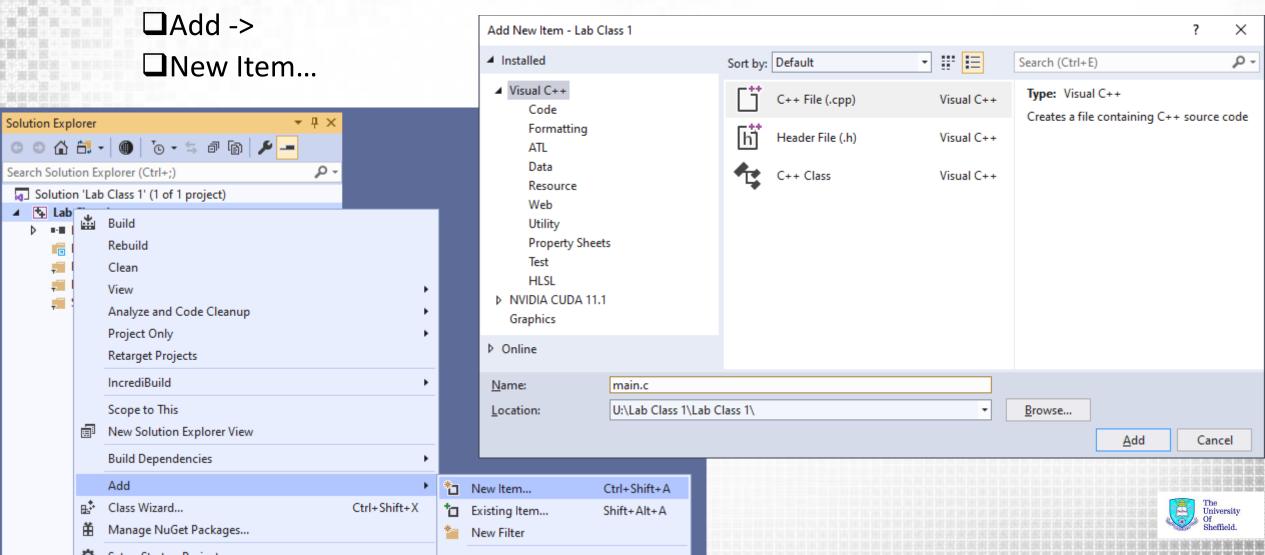




☑ Live Share 🕏

New C file

☐ Right click on project (in solution explorer)



Build and execute

- □ Build
 - ☐Build->Build Solution
 - ☐ Errors and warning are given in the Output window
- **□** Execute
 - ☐ Debug->Start Debugging
 - ☐ the console program will immediately exit unless a breakpoint is set
 - ☐ Debug->Start Without Debugging
 - ☐ the IDE will issue a system("pause") command on completion

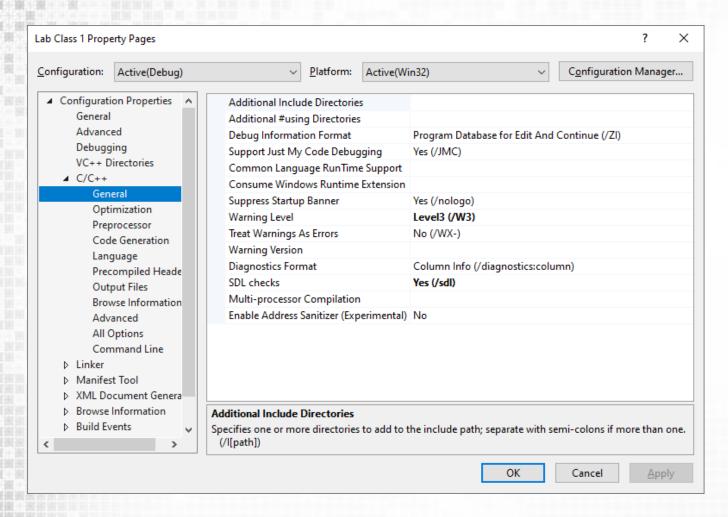


CRT SECURE NO WARNINGS

```
■Microsoft have their own safe versions of buffer functions
☐ These are however not cross platform
□add CRT SECURE NO WARNINGS to Project Properties -> Configuration
  Properties -> C/C++ -> Preprocessor -> Preprocessor Definitions
   ☐ Items are separated by semicolon (;)
#define CRT SECURE NO WARNINGS
#include <stdio.h>
#pragma warning (disable : 4996)
#include <stdio.h>
```

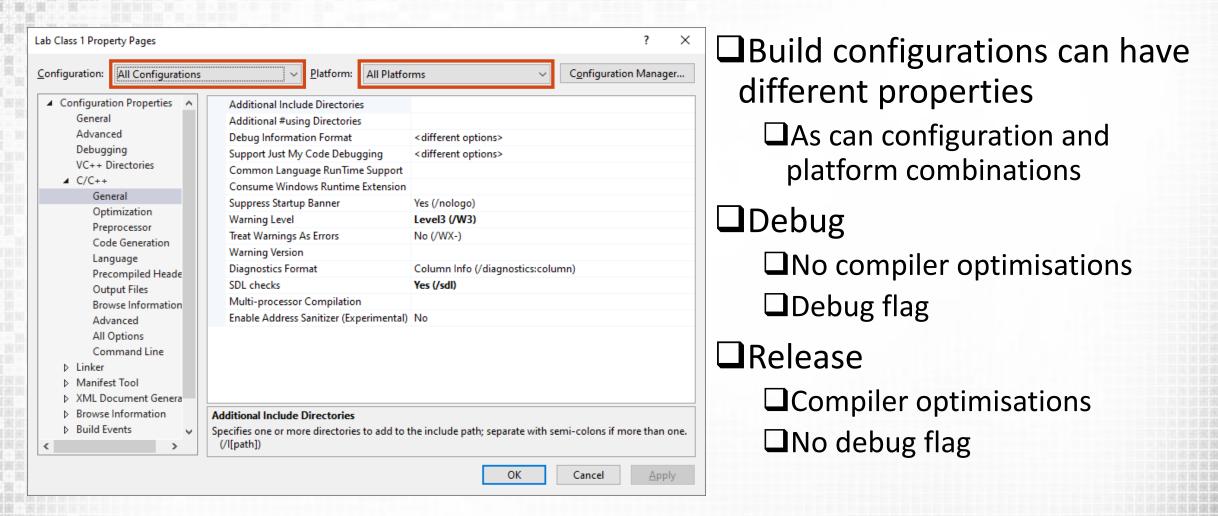


Project/Source module properties



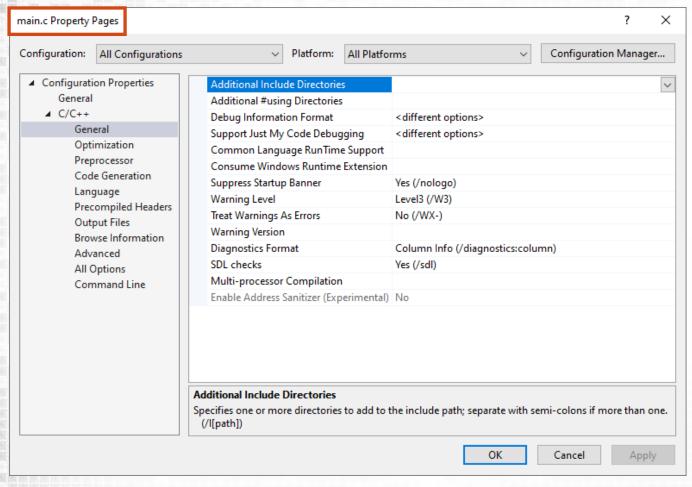


Project/Source module properties





Project/Source module properties



- ☐ Individual files can also have different properties
- ☐ You will normally want to change properties at a project level for all configurations (and platforms).

