SINDH MADRESSATUL ISLAM UNIVERISTY, KARACHI

DEPARTMENT OF SOFTWARE ENGINEERING

FALL 2022

CSC103 - PROGRAMMING FUNDAMENTALS

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SECTION SE1A/SE1B/SE1C/CS1D

LAB MANUAL 02

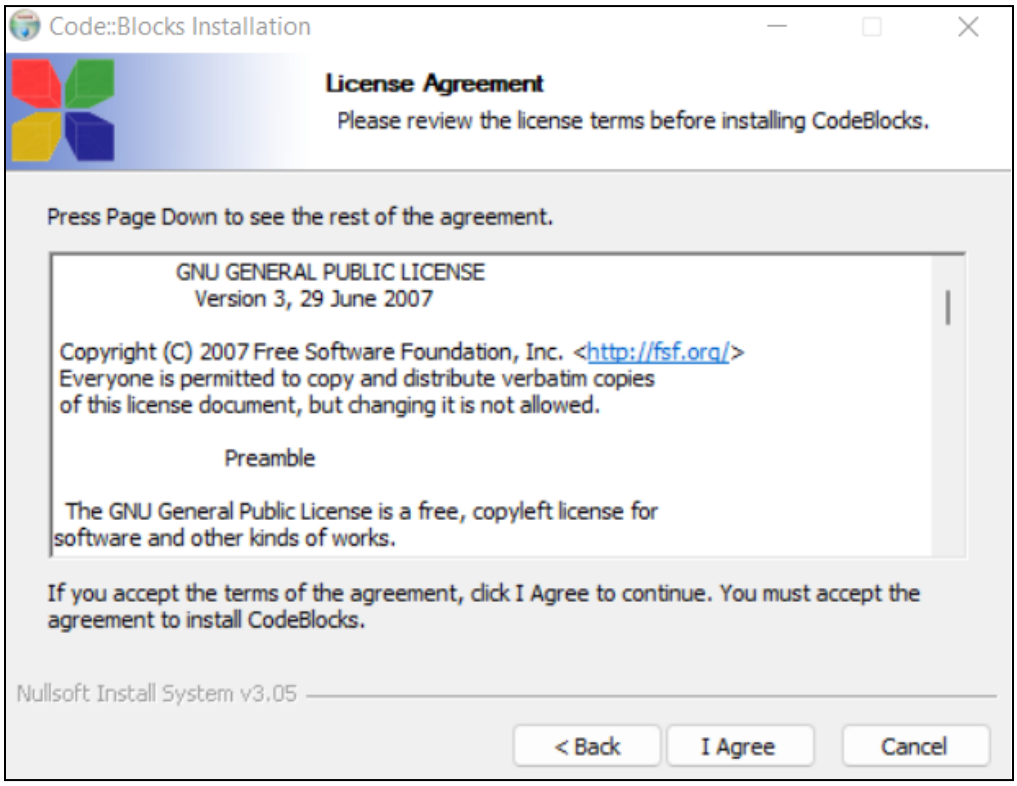
INSTALLATION MANUAL FOR CODEBLOCKS

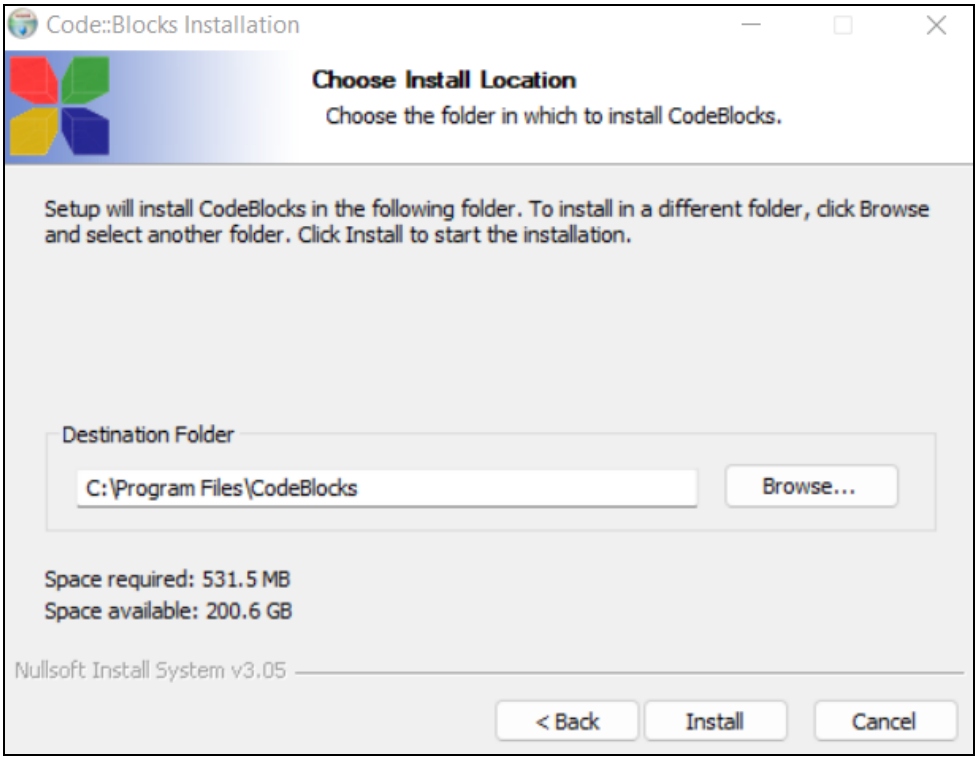
INSTALLATION MANUAL FOR CODEBLOCKS

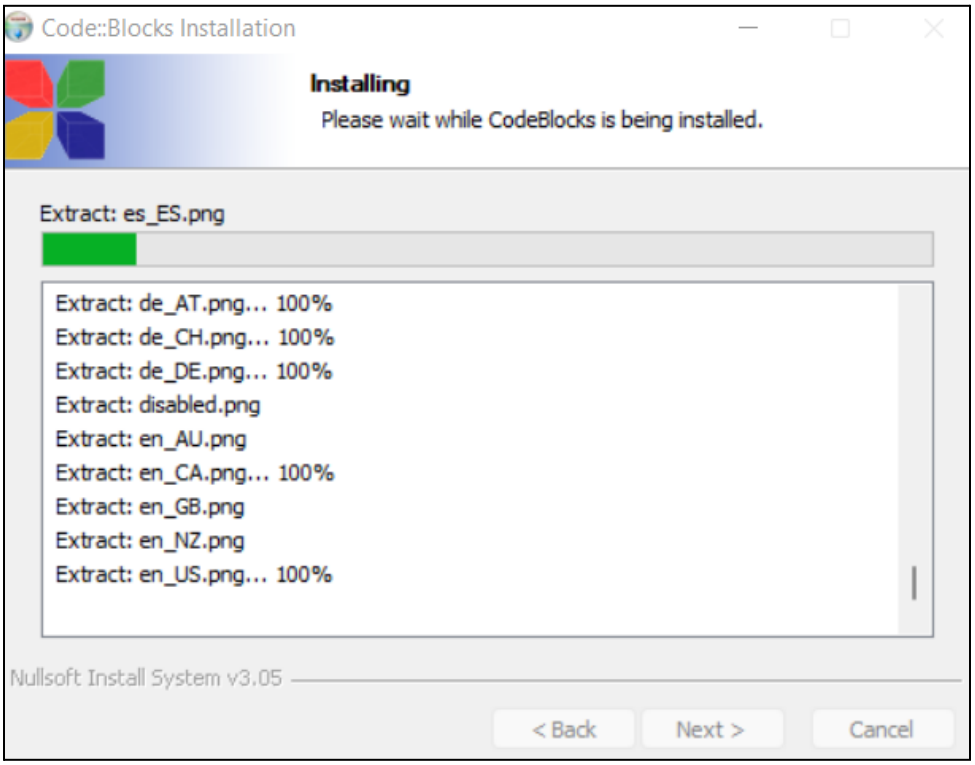
1. Downloading from the Internet:

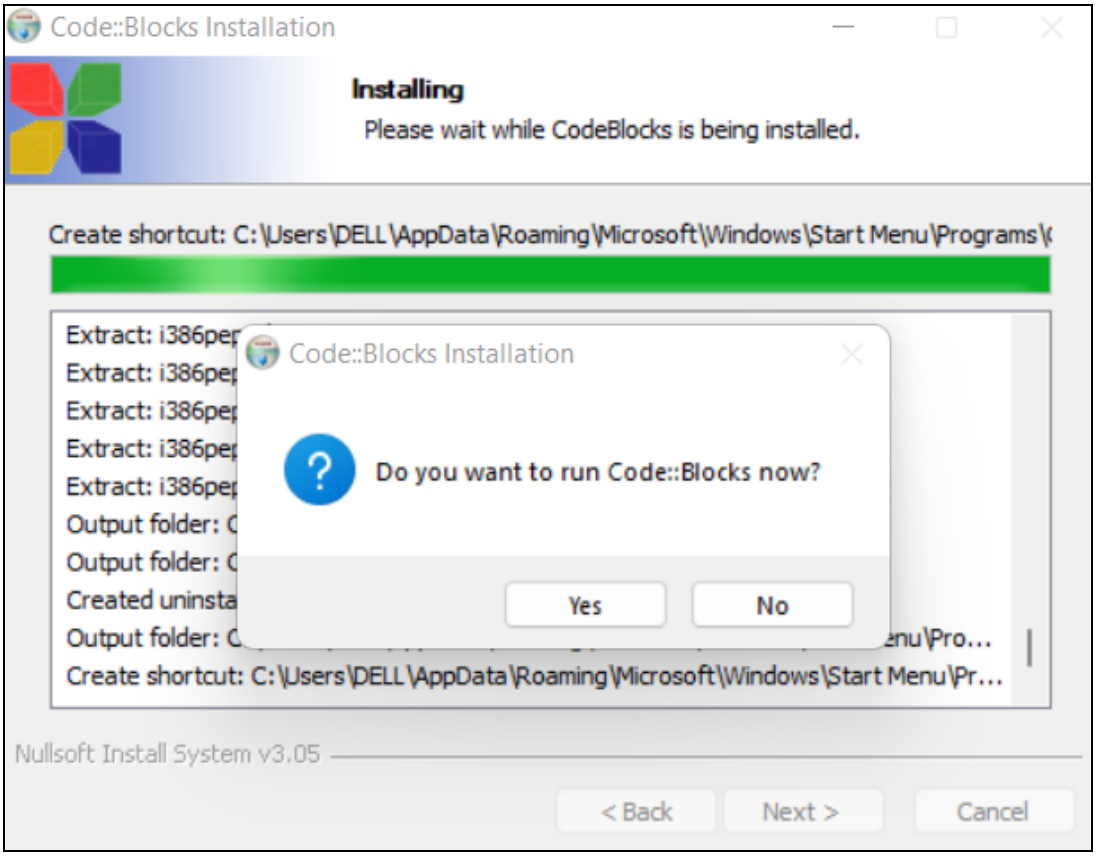
- Go to the following link to download the setup file for CodeBlocks.
- https://www.fosshub.com/Code-Blocks.html?dwl=codeblocks-20.03mingw-setup.exe
- After successfully downloading the file, run it to start the installation wizard.
- Some step by step screenshots are given below.

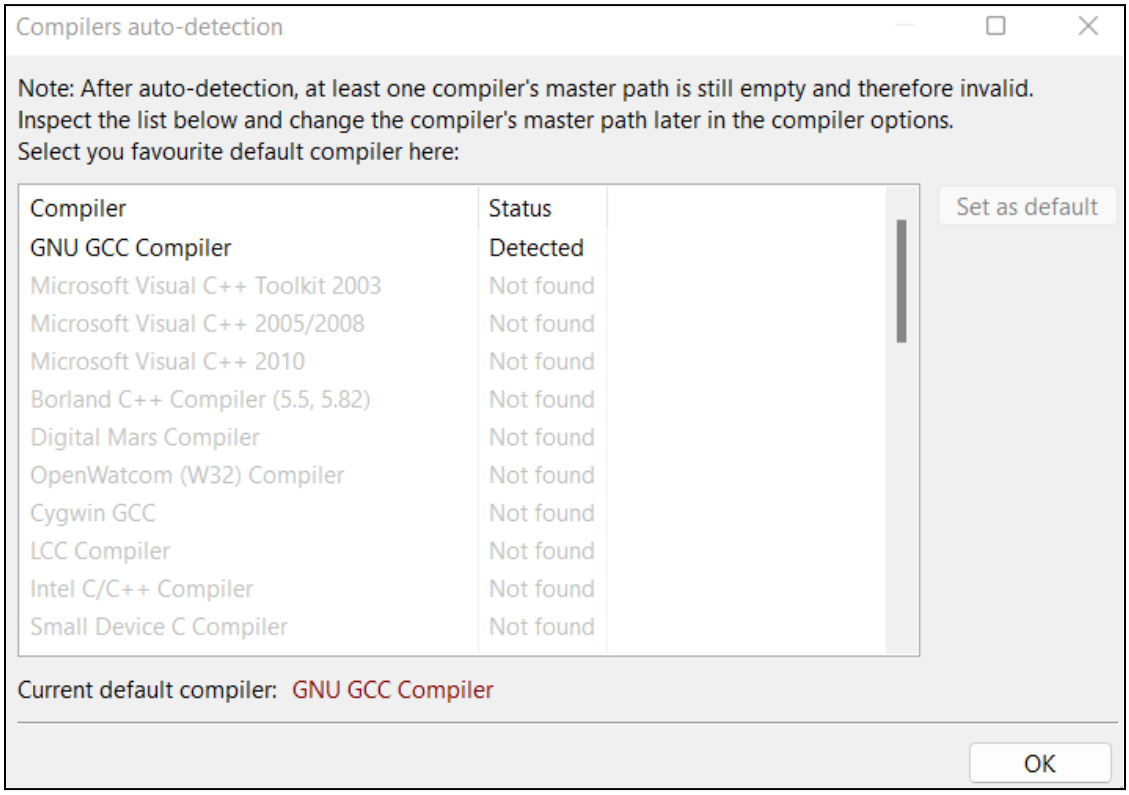
2. Installing CodeBlocks:

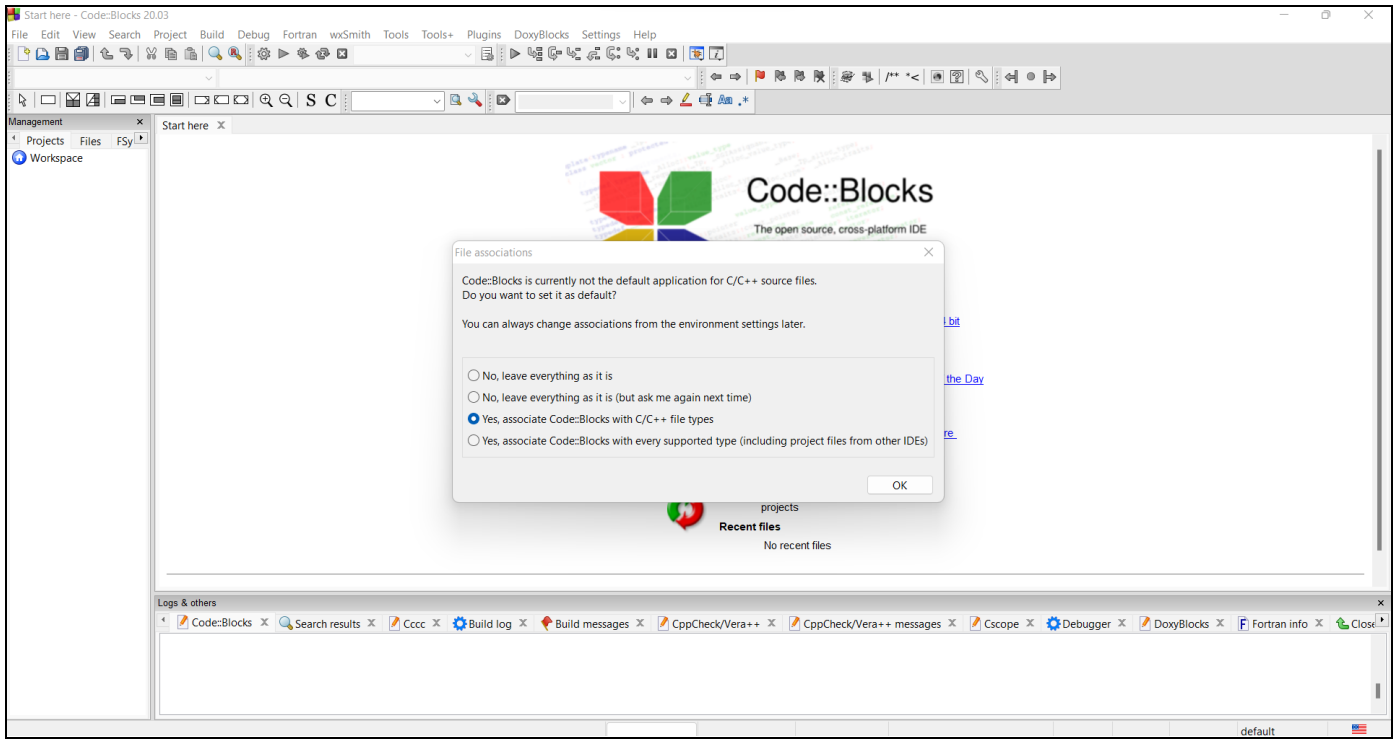



Code::Blocks Installation
Choose Install Location
Choose the folder in which to install CodeBlocks.
Setup will install CodeBlocks in the following folder. To install in a different folder, click Browse and select another folder. Click Install to start the installation.
Destination Folder
C:\Program Files\CodeBlocks
Browse...
Space required: 531.5 MB
Space available: 200.6 GB
Nullsoft Install System v3.05
< Back
Install
Cancel


Code::Blocks Installation
Installing
Please wait while CodeBlocks is being installed.
Extract: es_ES.png
Extract: de_AT.png... 100%
Extract: de_CH.png... 100%
Extract: de_DE.png... 100%
Extract: disabled.png
Extract: en_AU.png
Extract: en_CA.png... 100%
Extract: en_GB.png
Extract: en_NZ.png
Extract: en_US.png... 100%
Nullsoft Install System v3.05
< Back
Next >
Cancel

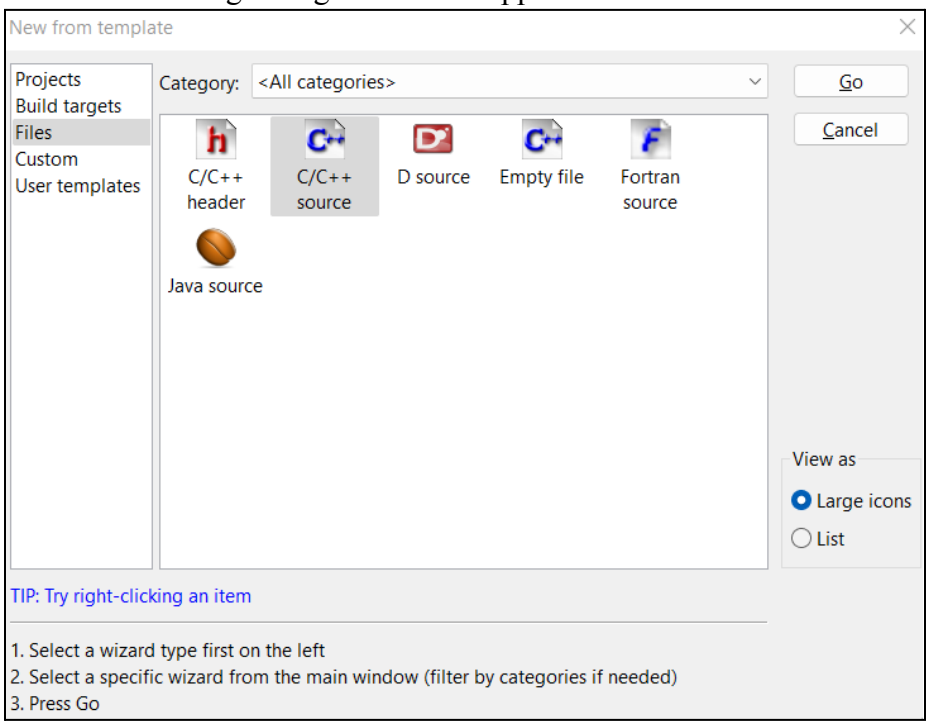

Code::Blocks Installation
Installing
Please wait while CodeBlocks is being installed.
Create shortcut: C:\Users\DELL\AppData\Roaming\Microsoft\Windows\Start Menu\Programs\
Extract: i386pep
Extract: i386pep
Extract: i386pep
Extract: i386pep
Extract: i386pep
Output folder: C
Output folder: C
Created uninsta
Output folder: C
Create shortcut: C:\Users\DELL\AppData\Roaming\Microsoft\Windows\Start Menu\Pr...
Code::Blocks Installation
Do you want to run Code::Blocks now?
Yes
No
Nullsoft Install System v3.05
< Back
Next >
Cancel


Compilers auto-detection
Note: After auto-detection, at least one compiler's master path is still empty and therefore invalid.
Inspect the list below and change the compiler's master path later in the compiler options.
Select you favourite default compiler here:
Compiler
Status
GNU GCC Compiler
Detected
Microsoft Visual C++ Toolkit 2003
Not found
Microsoft Visual C++ 2005/2008
Not found
Microsoft Visual C++ 2010
Not found
Borland C++ Compiler (5.5, 5.82)
Not found
Digital Mars Compiler
Not found
OpenWatcom (W32) Compiler
Not found
Cygwin GCC
Not found
LCC Compiler
Not found
Intel C/C++ Compiler
Not found
Small Device C Compiler
Not found
Set as default
Current default compiler: GNU GCC Compiler
OK

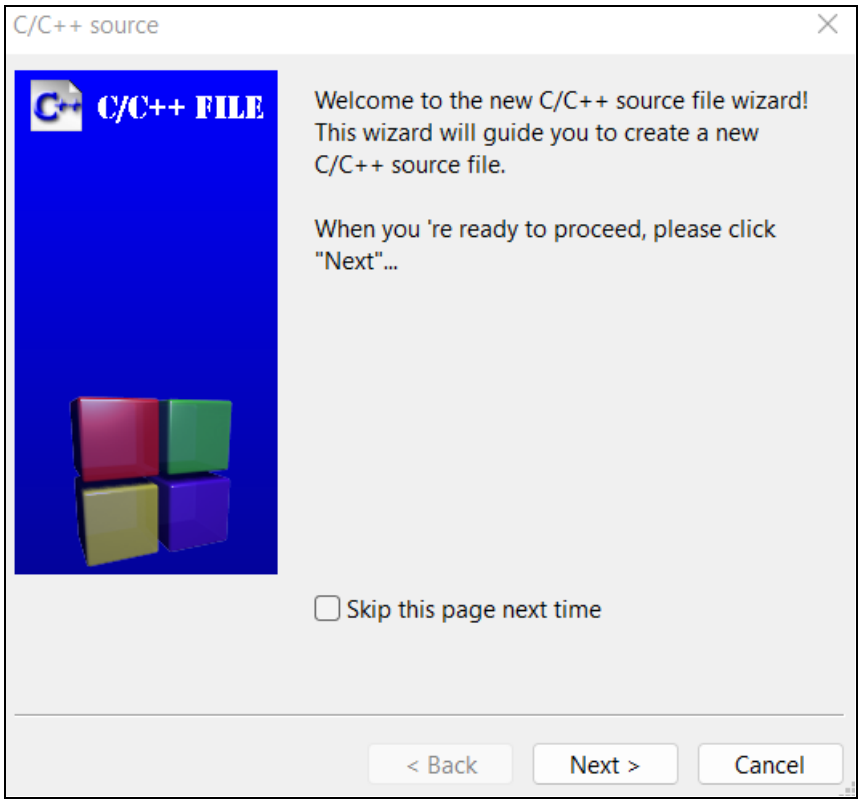


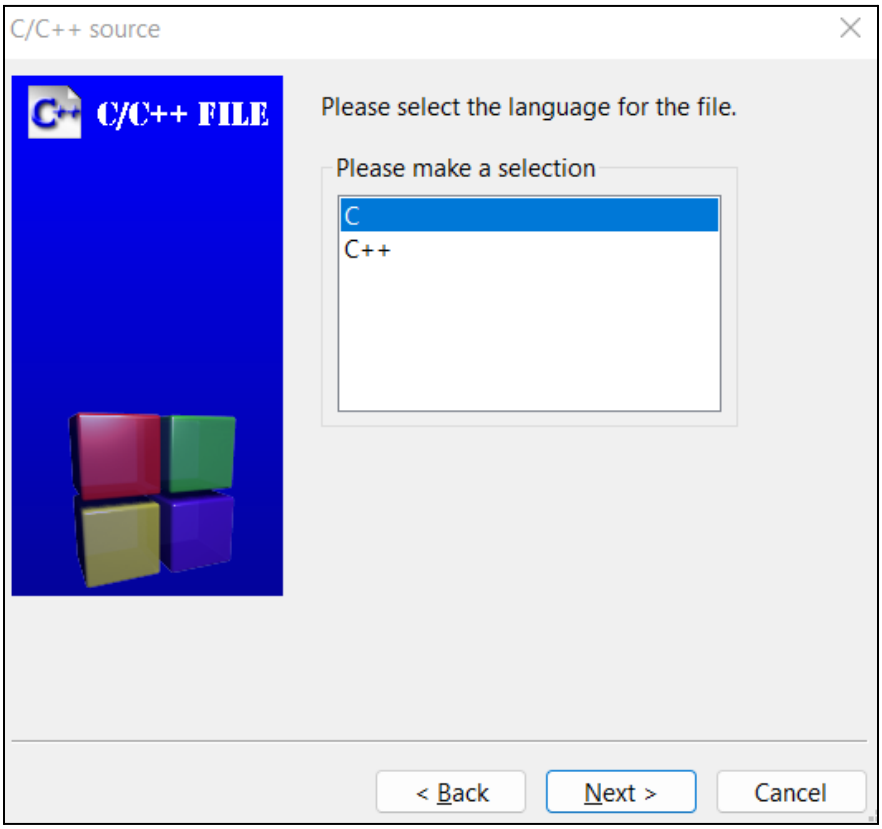
3. Creating a C File:

- Click on File>New>File..
- The following dialog box should appear.

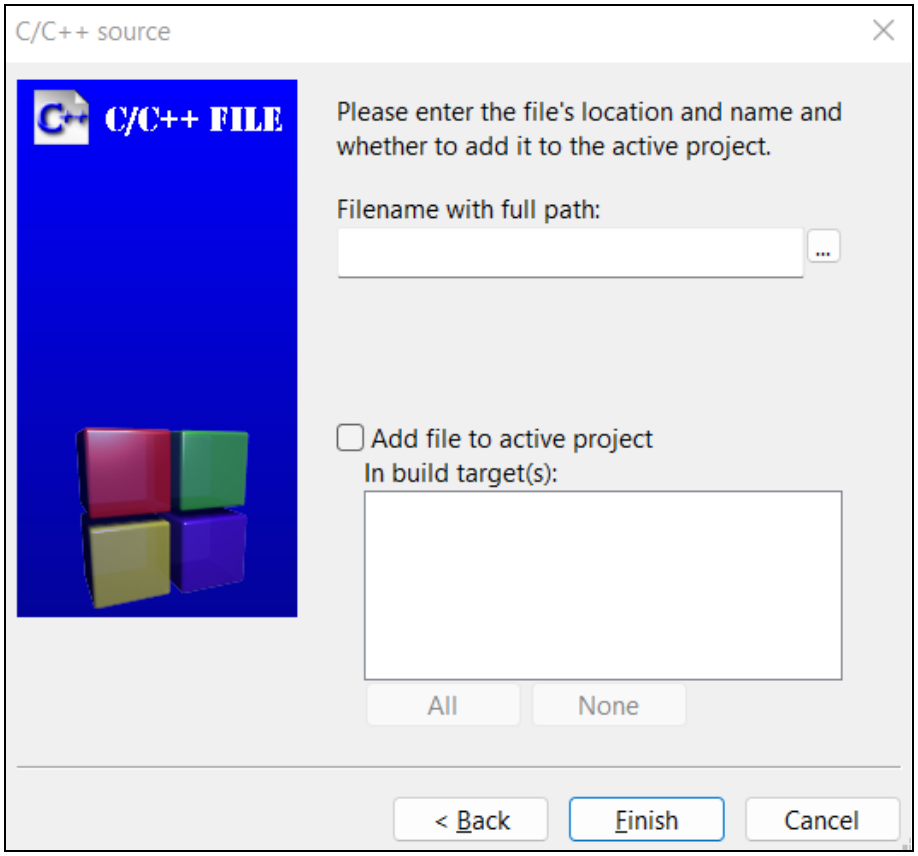


- Select “C/C++ Source” and click “Go”.

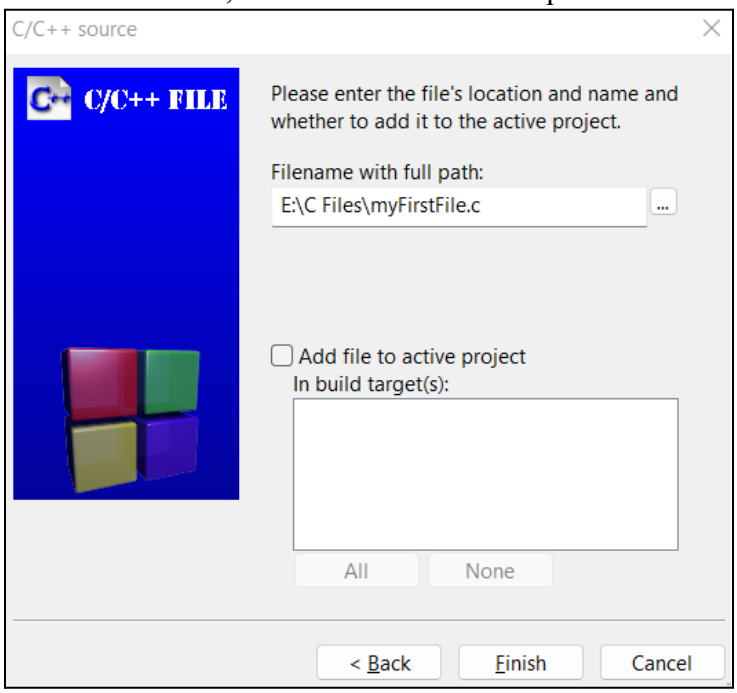




- Select C from the above Window and click Next.

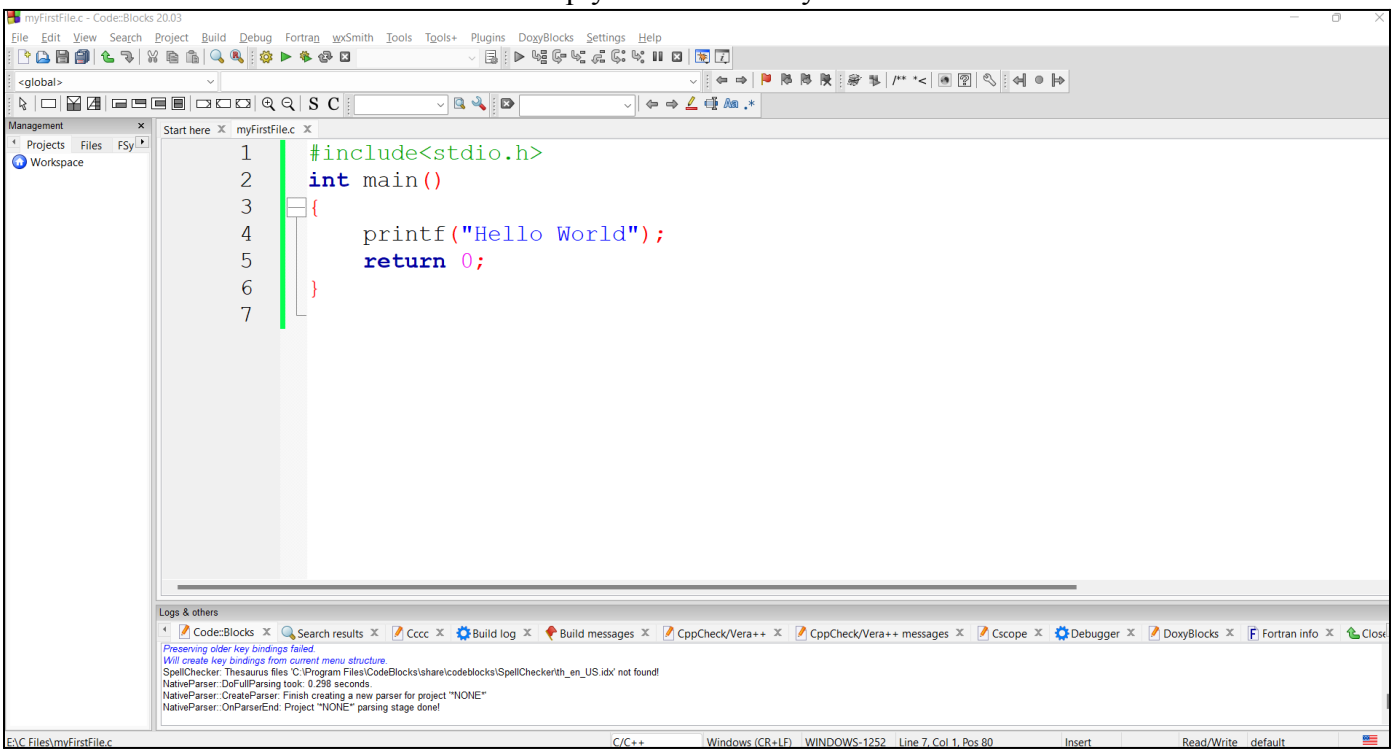


- Click on the three dot button next to the field named “Filename with full path”.
- Select a file location i.e. any folder and name your file.
- Then Click on Save, the “Filename with full path” field will automatically fill.



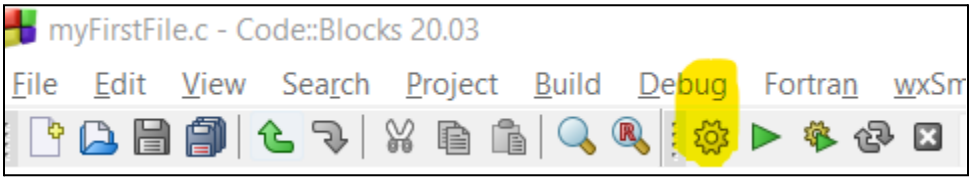
- Click on Finish.

- You should see an empty C file to write your code on.



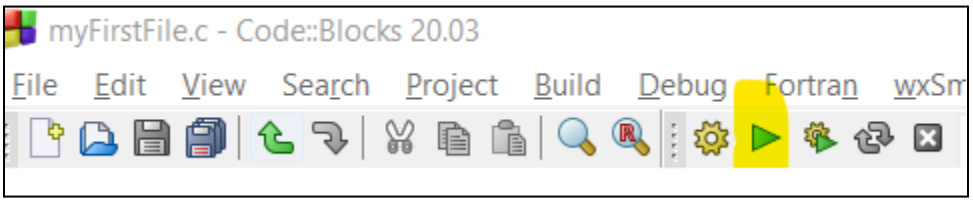
4. Compiling the File:

- Click on the "Gear" button under the toolbar menu as represented follows:

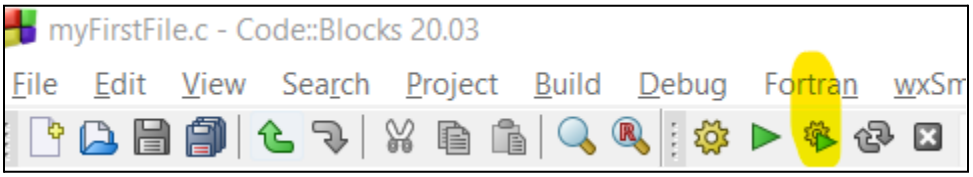


5. Executing the File:

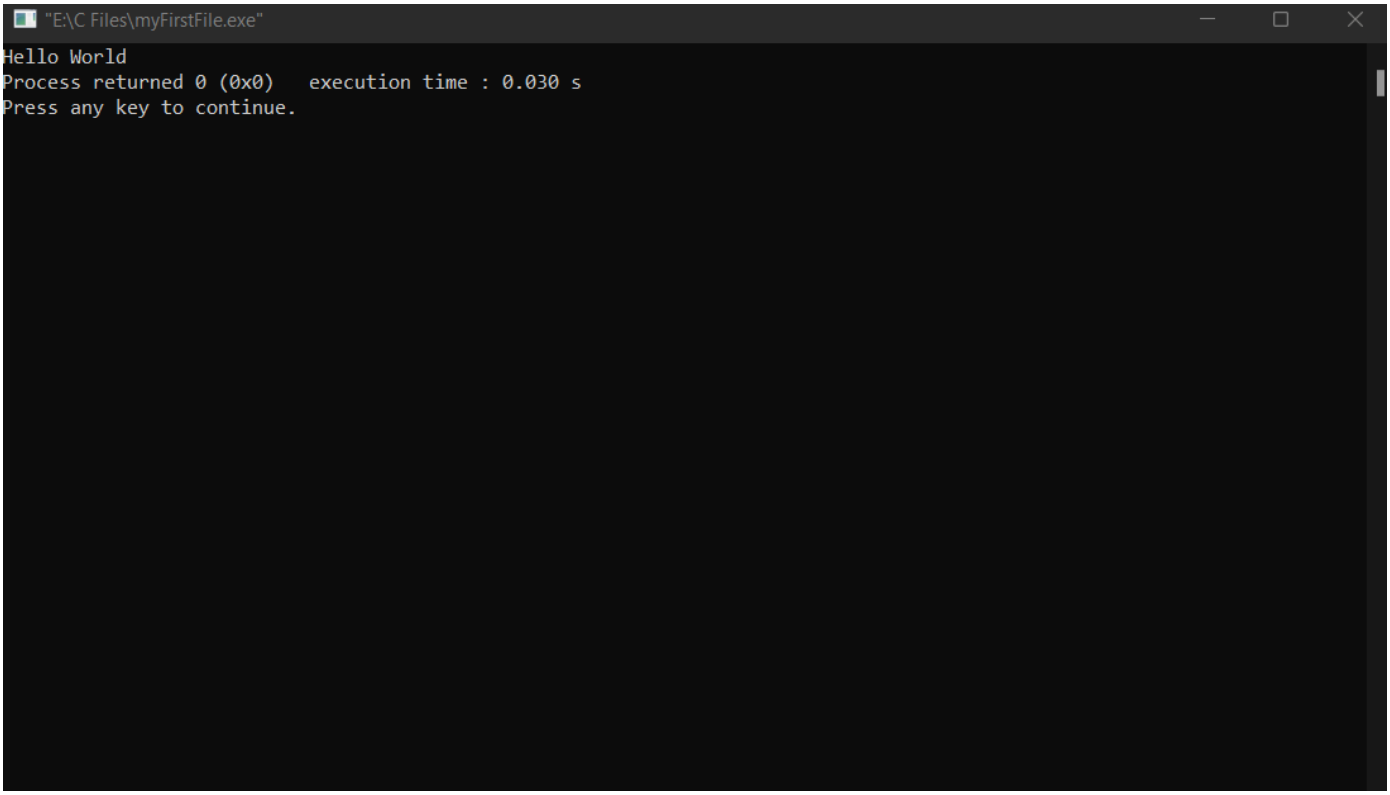
- If no errors occur, the file can be executed using the green "Play" button.



- You can achieve both compilation and execution with the button highlighted below:



6. Execution of File:



Lab Task 02:

1. **Install CodeBlocks on your personal Computers. All future lab tasks and assignments will be made on CodeBlocks.**
2. **If you encounter any error, you are free to consult this manual and your classmates.**
3. **You are required to achieve this task before the start of the next lab.**