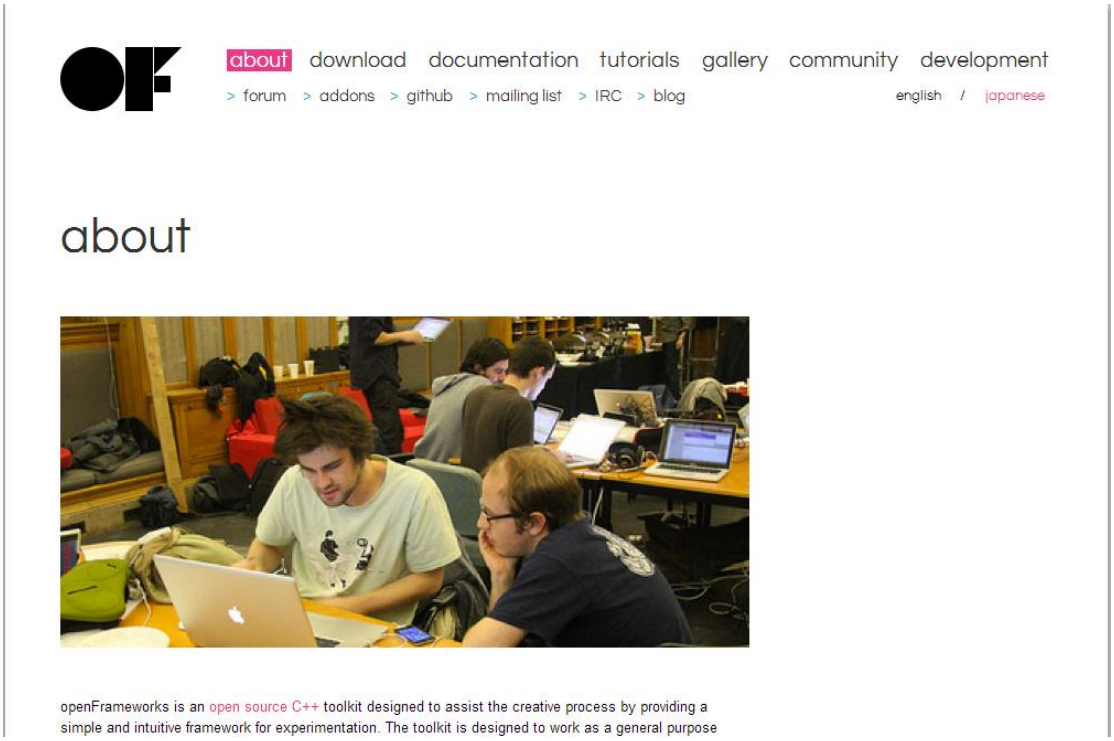
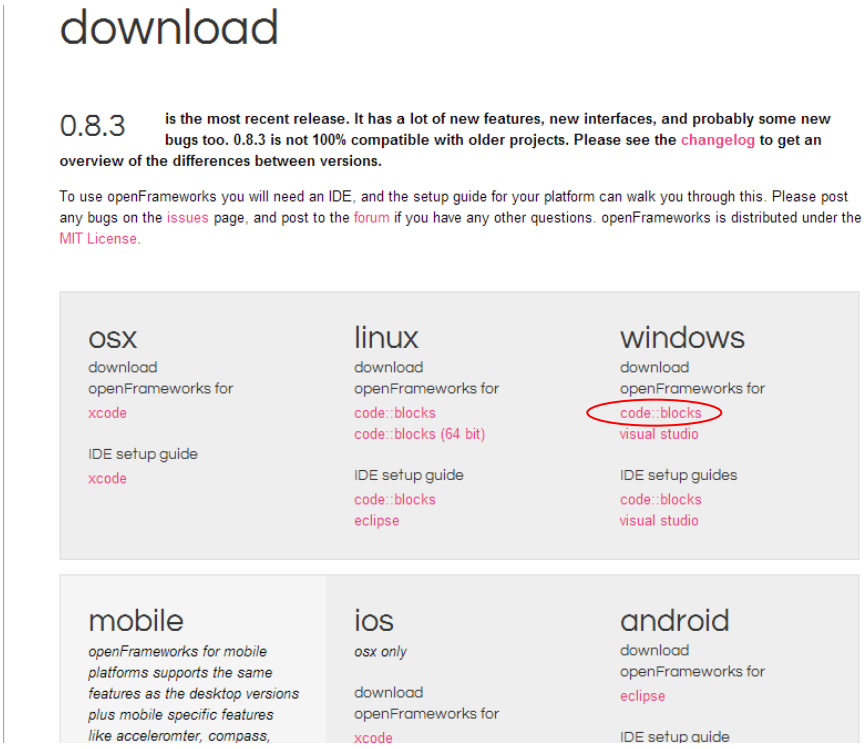
Instruction of Code Blocks Installation and Run

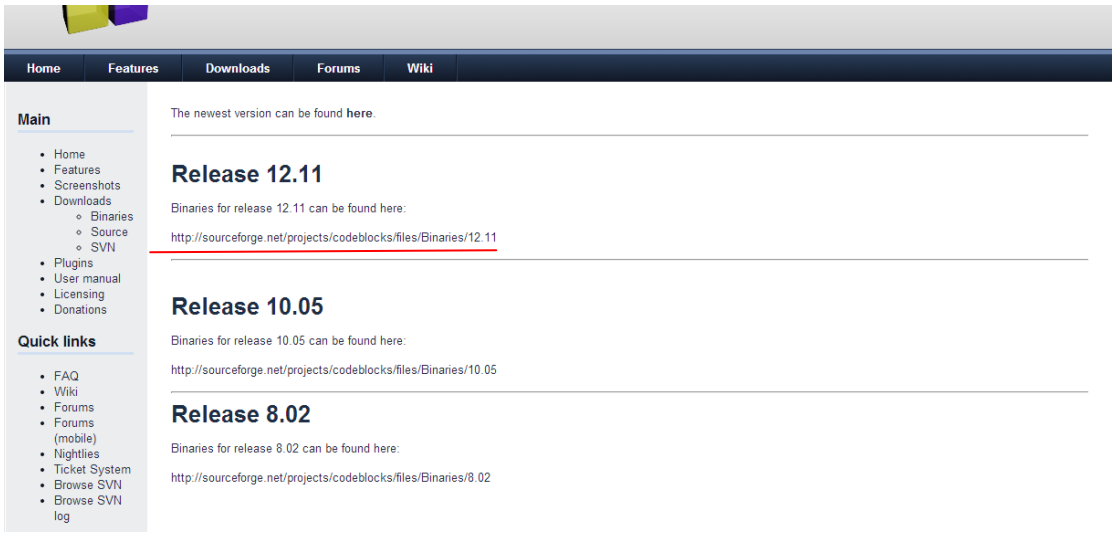
1. Go to the Open Frame Works website: You can search ‘Open Frame Works’ on Google or just type this web address: http://www.openframeworks.cc/.



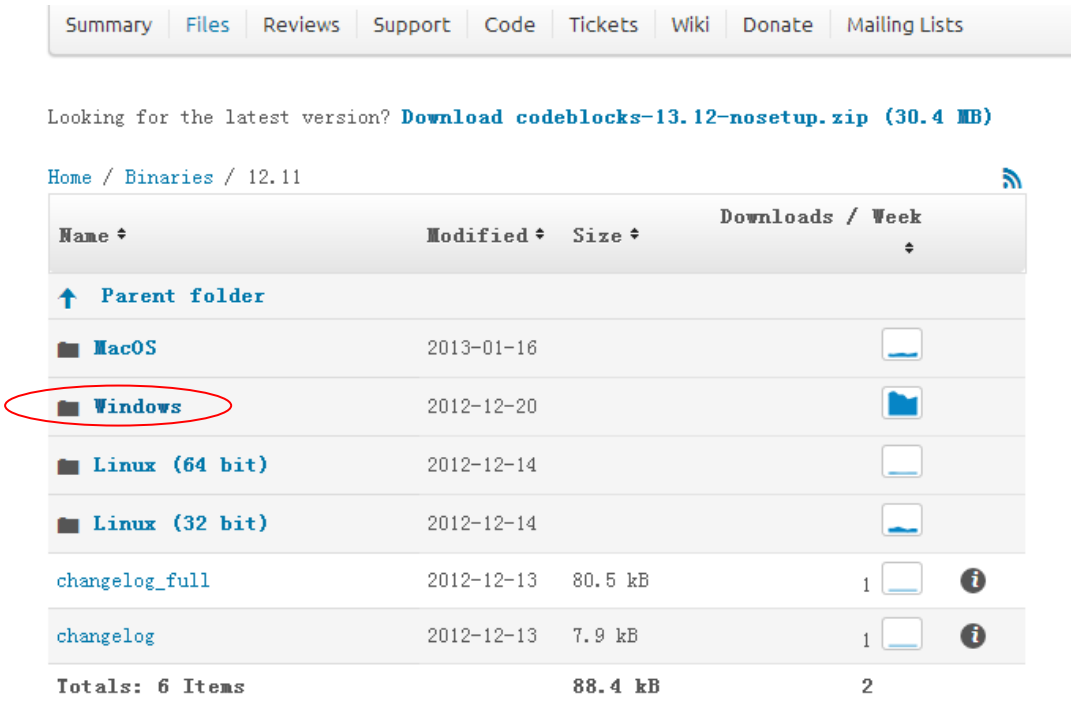
2. Click the **‘download’** button on the top of your web page. You can see a lot of download links for different system. Here we introduce the installation for **Windows**.



3. Now please click the ‘IDE setup guides’ for code::blocks.
   a) Click the red font **‘Download Code::Blocks’** in part a). Pay attention **we need to choose the link with MinWG compiler,** otherwise, codeblocks may report no compiler can be found when you debug in the future.
   b) Choose the link below Version 12.11 so you can get the last version of CodeBlocks.



   c) When you access the link, you can see a lot of choices for different system. Same as above, choose Windows.

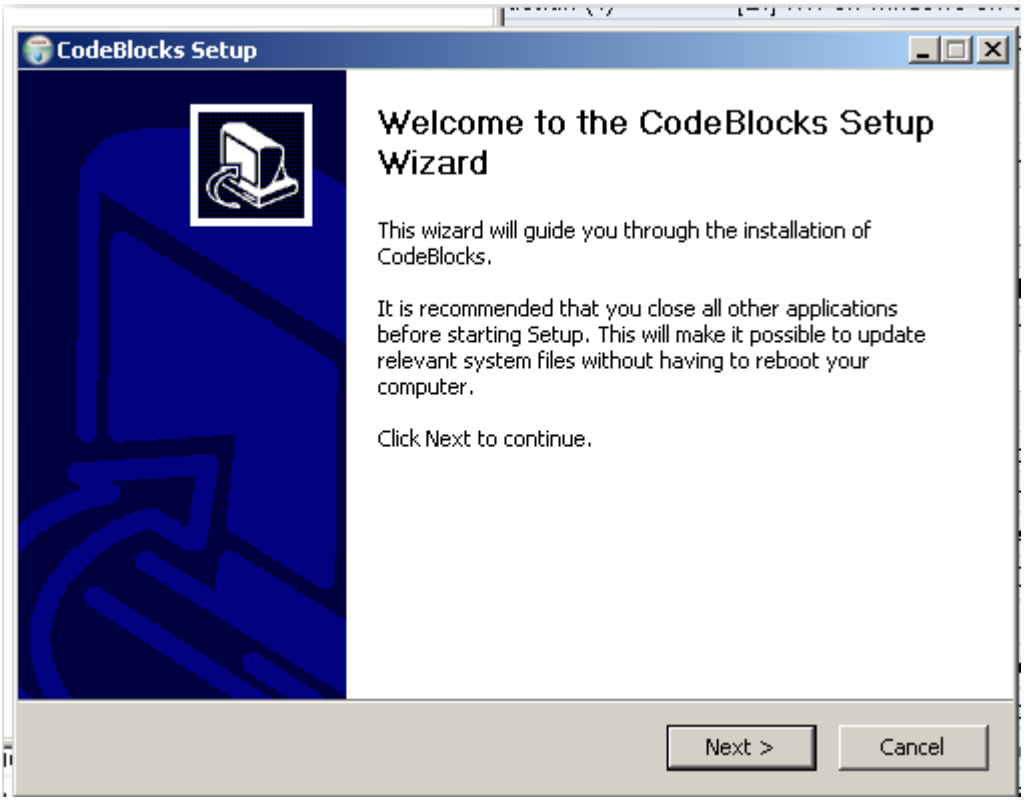


d) Now, you can choose a source link. **We need to choose the link with MinGW.** (I recommend the more downloads one)

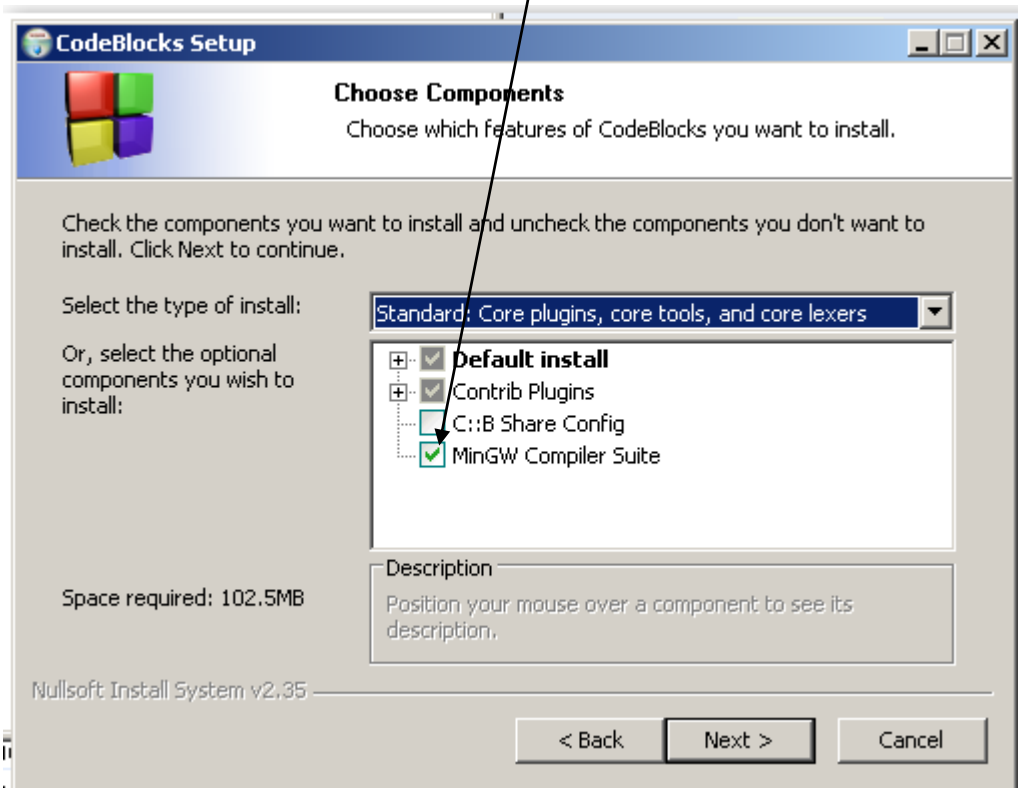
e) When you click the link above, the webpage will jump to the CodeBlocks downloading automatically. Please wait few minutes patiently.

4. Find the setup file you just downloaded

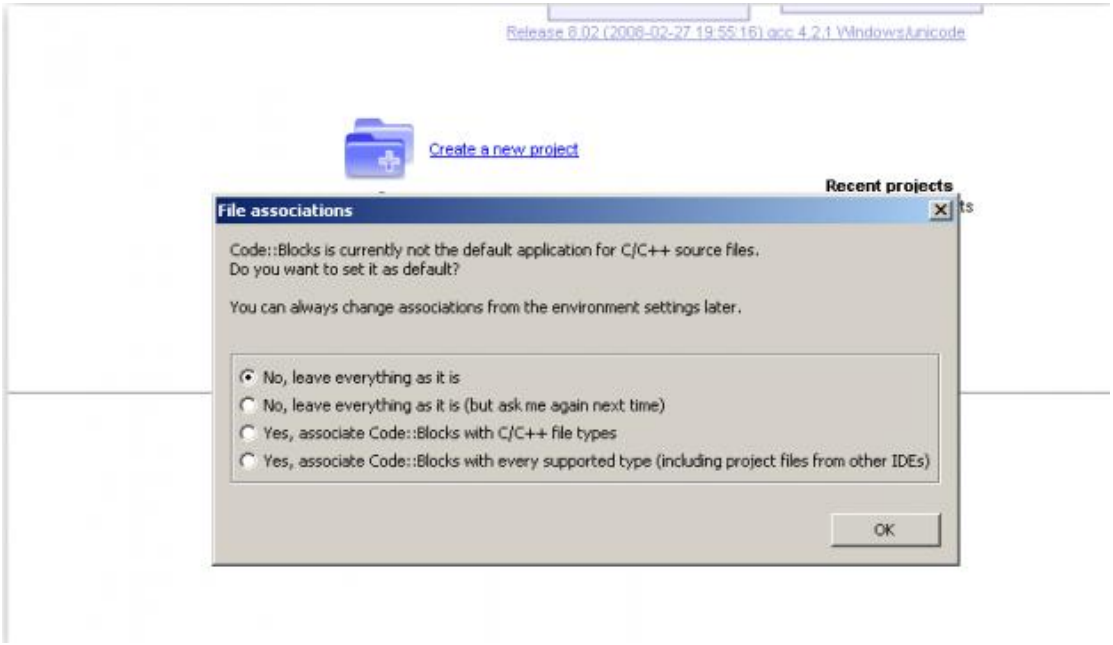
Click it to install



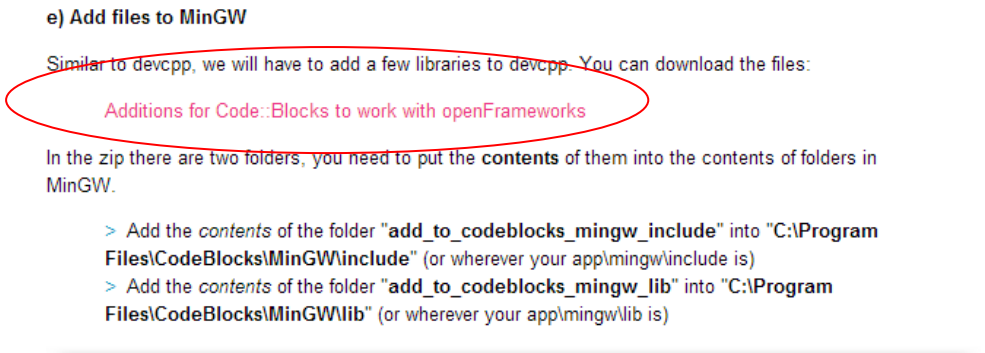
Again, make sure MinGW Compiler Suite has been chosen



If CodeBlocks is not your primary IDE, you can choose as below, otherwise, you can make your decision.



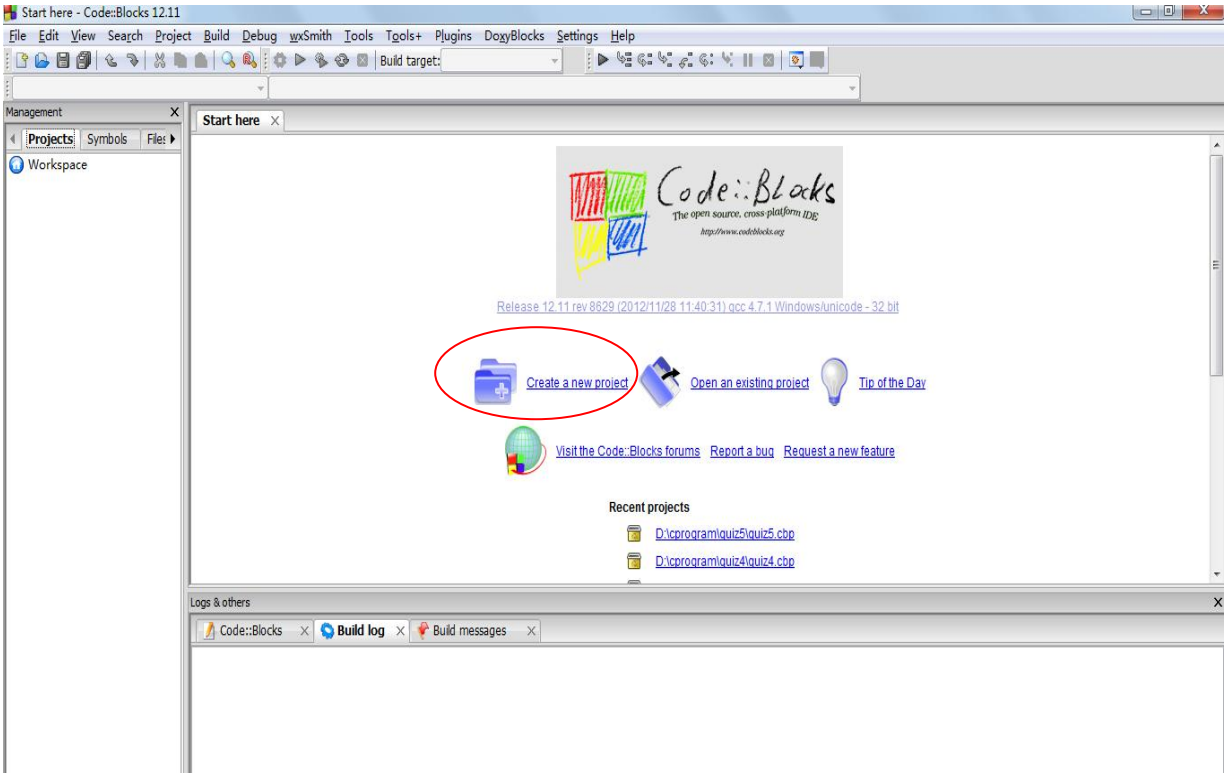
5. Now we need to add a few libraries to MinGW. Please click the red link in the 'IDE setup guides'. You can also go to the website http://openframeworks.cc/setup/codeblocks/ to find that link.



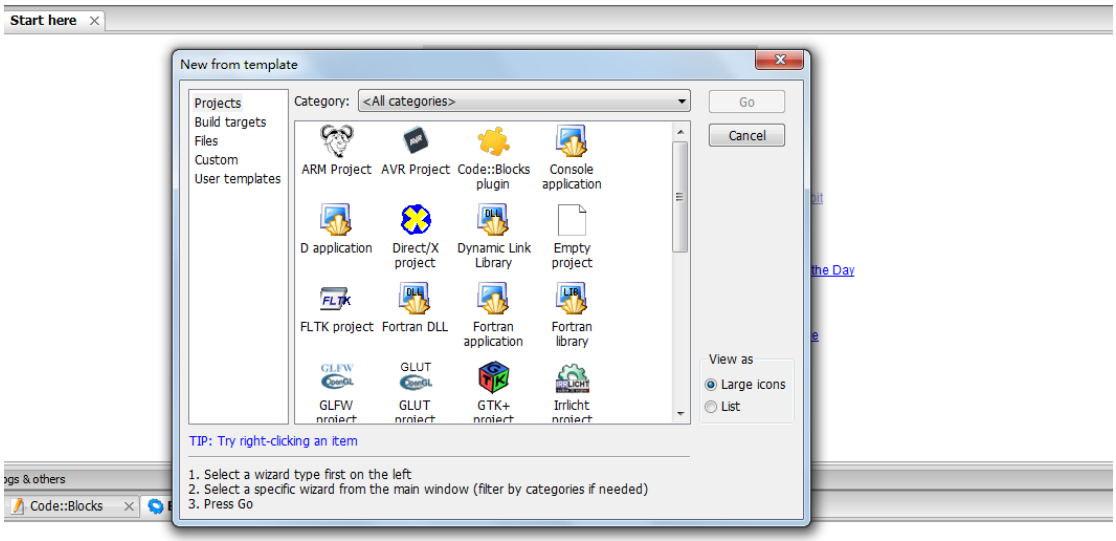
In the zip there are two folders, you need to put the **contents** of them into the contents of folders in MinGW.

- Add the *contents* of the folder "**add_to_codeblocks_mingw_include**" into "**C:\Program Files\CodeBlocks\MinGW\include**" (or wherever your app\mingw\include is)
- Add the *contents* of the folder "**add_to_codeblocks_mingw_lib**" into "**C:\Program Files\CodeBlocks\MinGW\lib**" (or wherever your app\mingw\lib is)

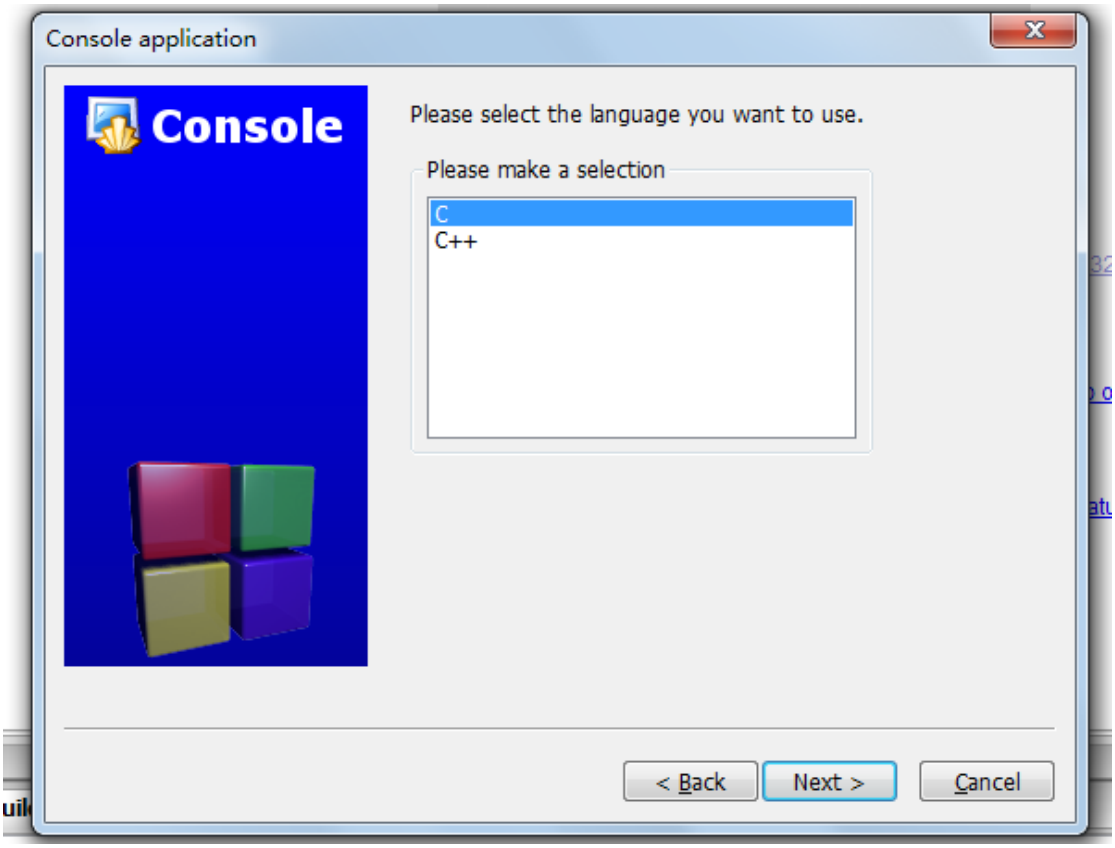
6. Now your ColdBlocks has been installed, let us try a simple program to run it.
   a) Run the ColdBlocks



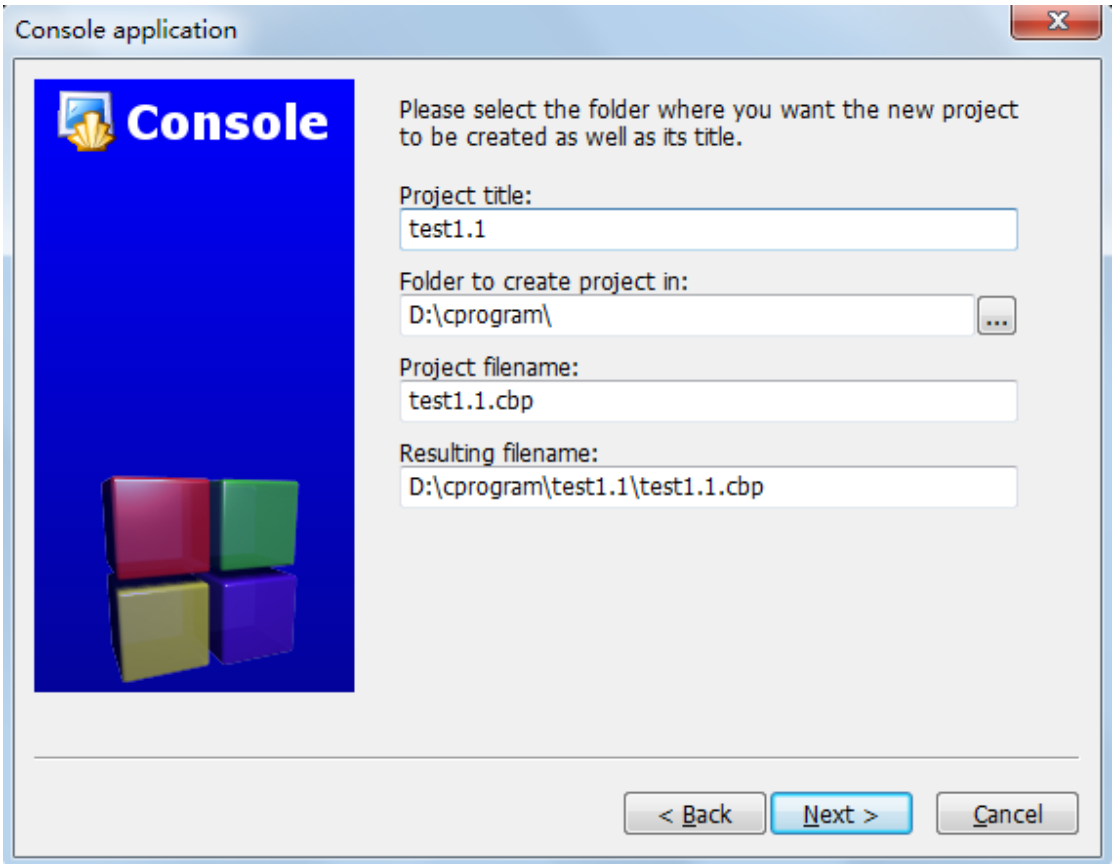
b) Click **'Creat a new project'**



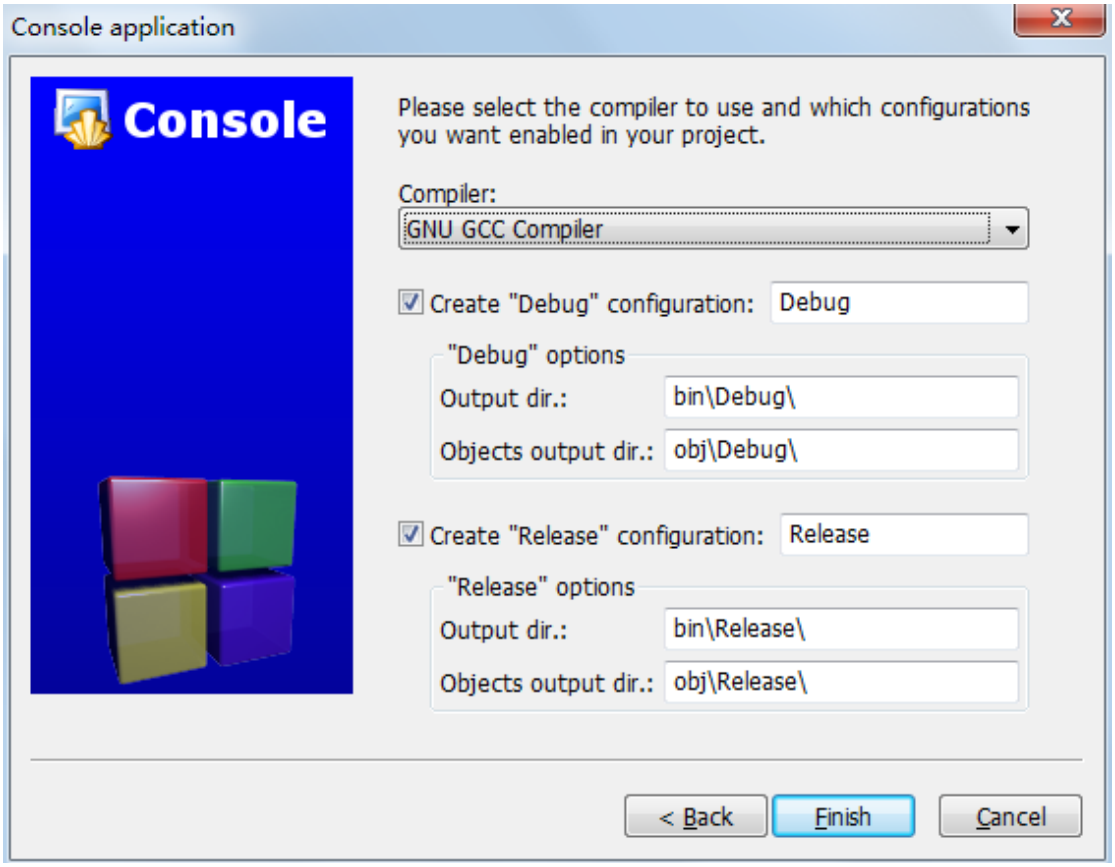
c) Select **'Console application'** and select the **C language** and click Next.



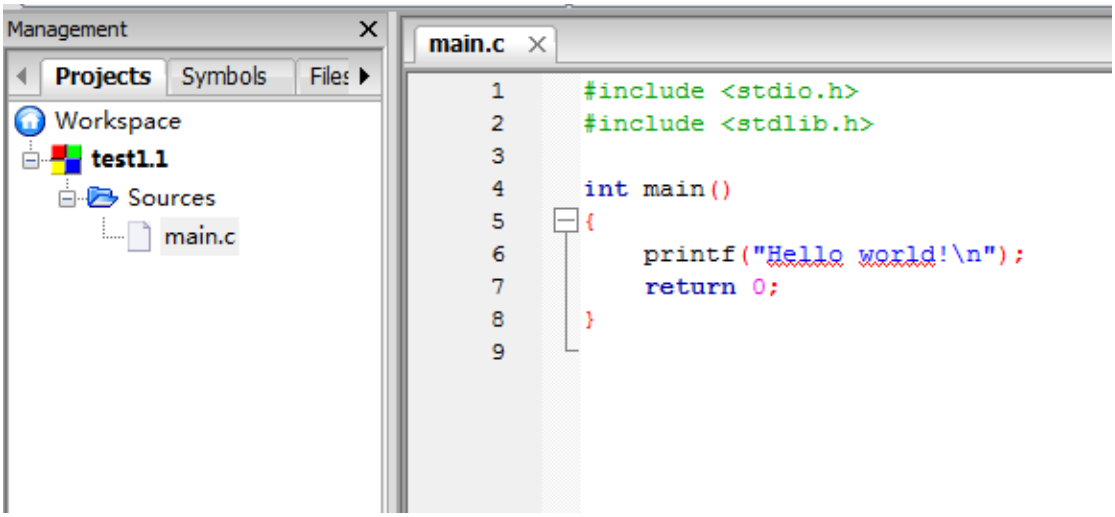
d) Please type the project title and the path where you want to save the project and click Next



e) Here we can select both **'Debug'** and **'Release'** configuration and click Finish



f) Now in your workspace you can see your first project. Click your **'Main'** function you can see the content in your commend window.



g) This function is used to print a string “Hello World” on your screen and make Cursor Wrap. In order to run the function, we click **‘Build and run’** button  and you can see the result on the screen.