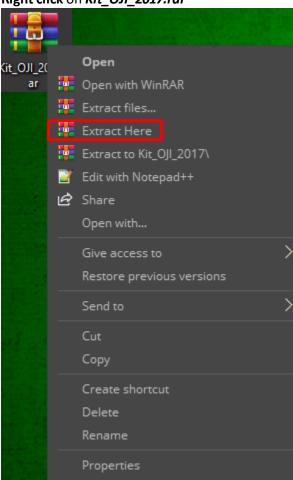




Create your own fractal

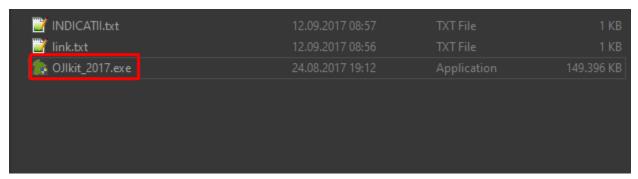
- 1. Install Winrar
- 2. Installing Code::Blocks
 - Download this
 - Right click on Kit_OJI_2017.rar



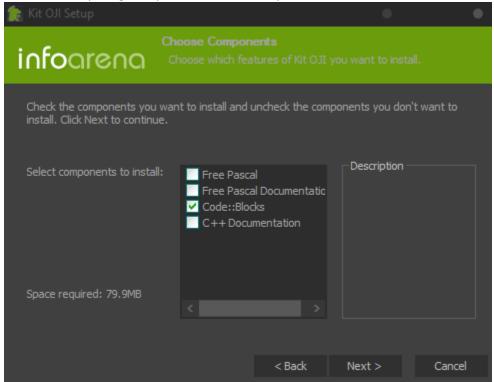
- Open the folder created
- Run OJIKIT_2017.exe







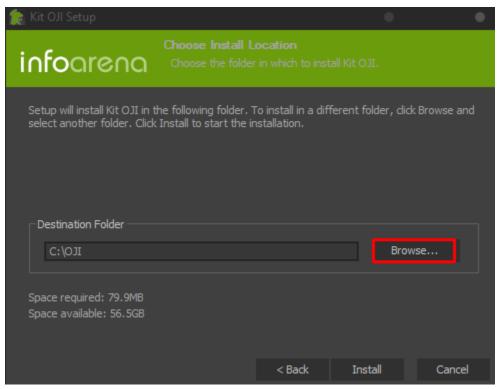
• Uncheck everything except Code::Blocks and press Next



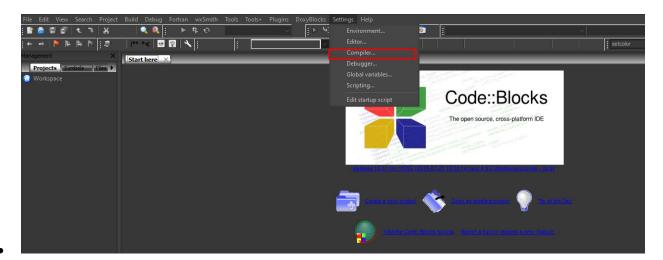
• Choose the location by clicking **Browse...** and then **Install**







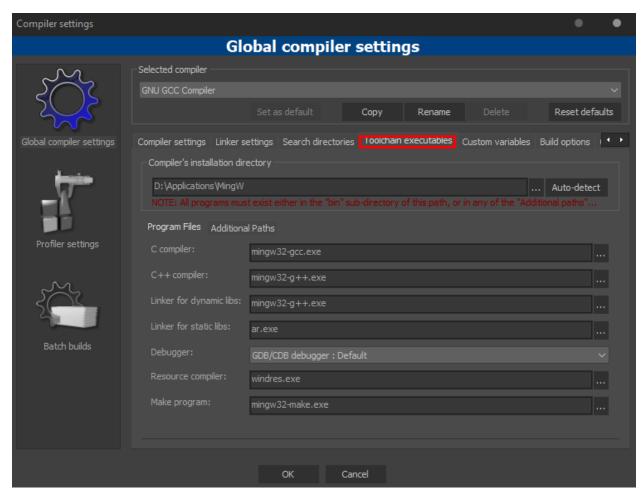
- 3. Open Code::Blocks
- 4. Setting up the compiler



Page 3 | 24

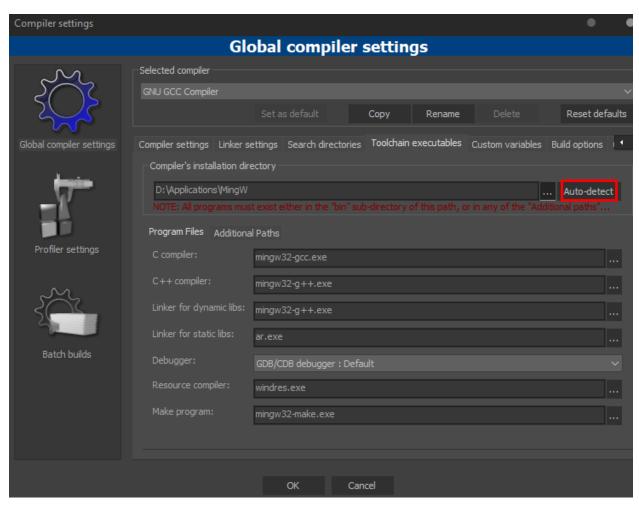








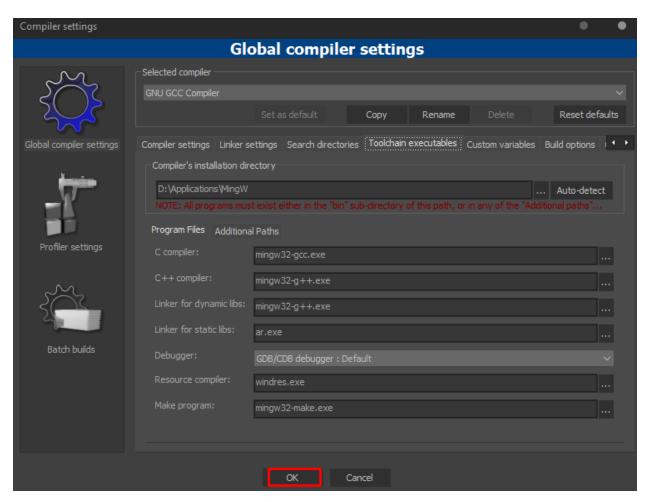




Page 5 | 24





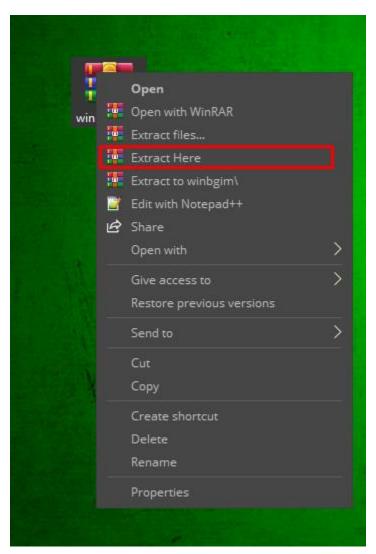


5. Settting up the graphics

Download the archive by clicking here and extract: right click and choose Extract here







• There should be these files:





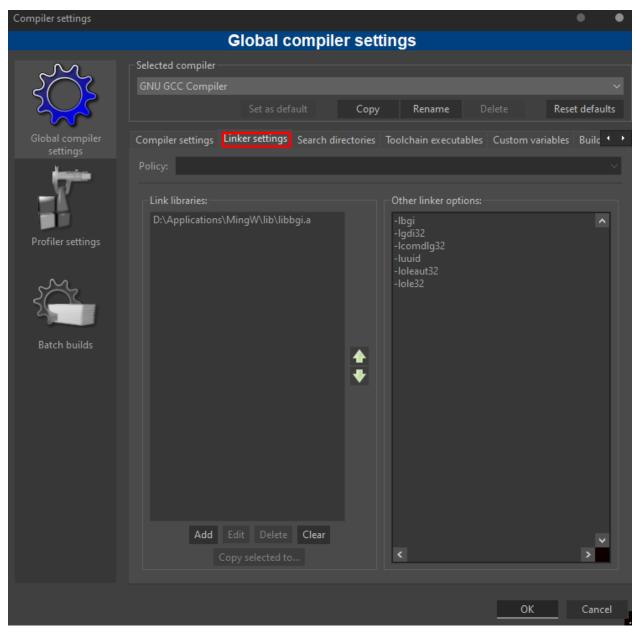


- Copy graphics.h and winbgim.h in the folder include that is found where Code::Blocks is installed in the subfolder MinGW (the default location is: C:\Program Files\CodeBlocks\MinGW\include\)
- Copy *libbgi.a* in the subfolder named *lib* of *MinGW* (the default location is *C:\Program Files\CodeBlocks\MinGW\lib*)
- In Code::Blocks go to **Settings >> Compiler... >> linker settings**

```
| The content of the
```



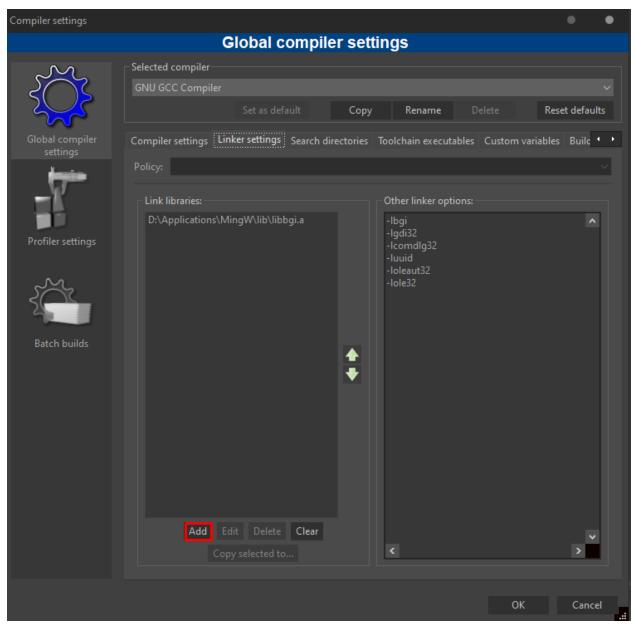




• Click Add in the Link libraries and search for libbgi.a

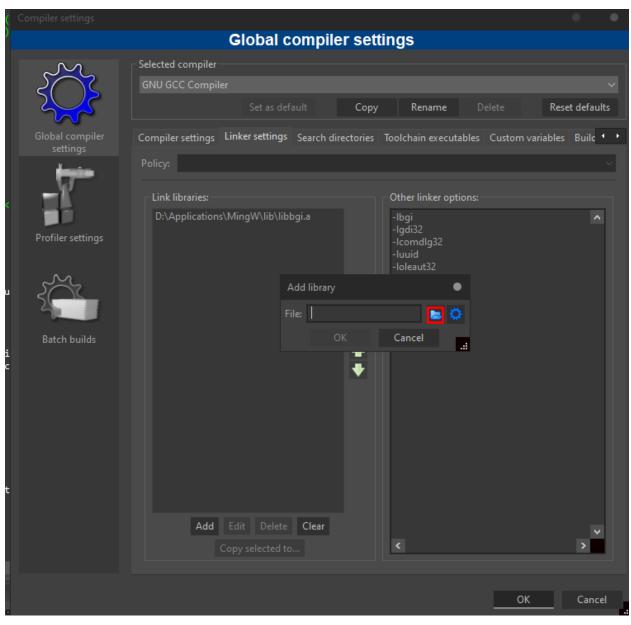






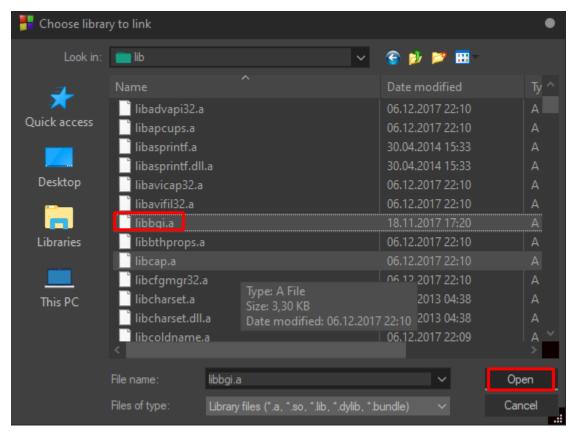








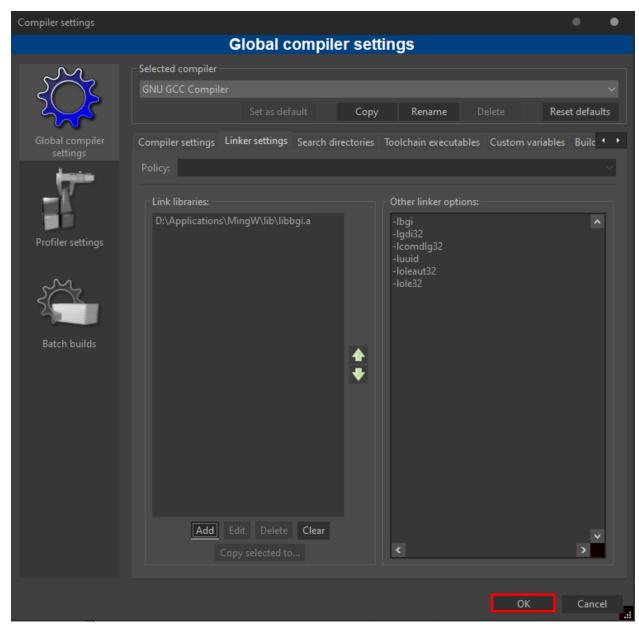




- On the right, at Other linker options type:
 -lbgi -lgdi32 -lcomdlg32 -luuid -loleaut32 -lole32
- Click **OK**.



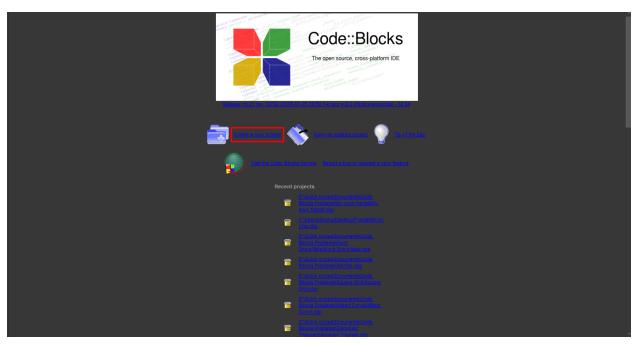




6. Create a new project

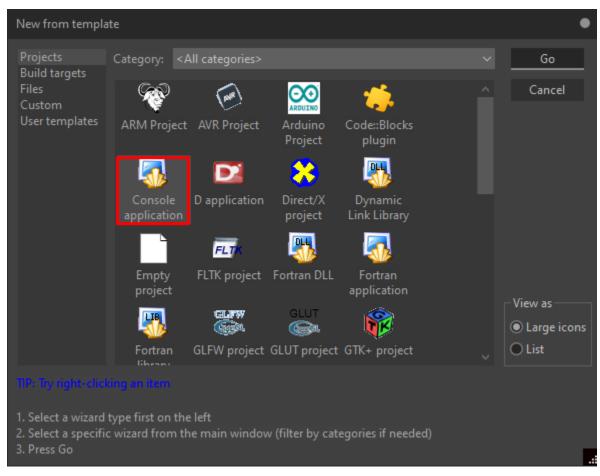


















Click C++ and then press **Next**



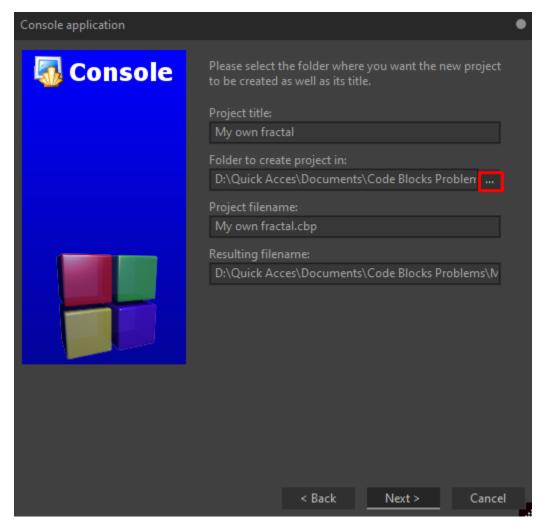




Give the project a name







Choose the folder where you want the project to be and then press *Next*



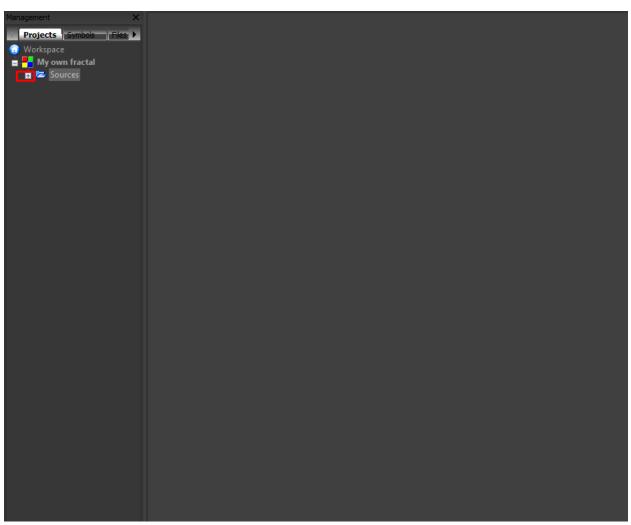




Press *Finish*

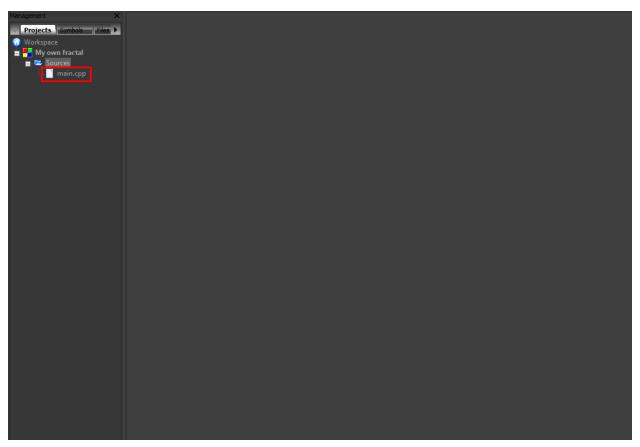












Double click on *main.cpp*

- 7. Copy the code assigned on your team and paste it in *main.cpp*
 - Team 1
 - <u>Team 2</u>
 - <u>Team 3</u>
 - <u>Team 4</u>
 - <u>Team 5</u>
- 8. Explore the code and CHANGE only the lines with "///"





<u>The colors that you can fill there are</u>: BLACK, BLUE, GREEN, CYAN, RED, MAGENTA, BROWN, LIGHTGRAY, DARKGRAY, LIGHTBLUE, LIGHTGREEN, LIGHTCYAN, LIGHTRED, LIGHTMAGENTA, YELLOW, WHITE

9. Press here to see your own creation !!!



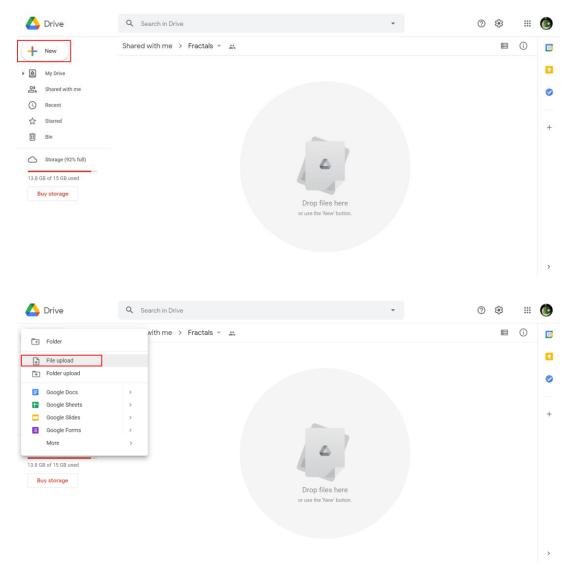


```
## rest for the control Death Bull Below | Entity | Solid Color | Solid
```

10. Take a screenshot of your creation and post it here







Find the screenshot and press "Open"

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