**Space Wars**

Space Wars is a game based on the space where there is an alien spaceship orbiting in the space. Different types of objects come on spaceship way. So, the spaceship has to destroy these objects to clear its way. The spaceship has a laser beam with which it can shoot the objects using laser.

**Getting Started**

In the following link, you will be able to get a copy of the project.

Link- https://github.com/ArponKundu/Space-Wars.git

**Prerequisites**

You need an IDE that is able to compile c++ scripts to run this project on your local machine for developing and testing purpose. Likewise, I have used Code::Blocks to build and develop this project.

**Installing**

First of all download the Code::Blocks (GNU C/C++ Compiler and Debugger) from the following link- <https://www.fosshub.com/Code-Blocks.html?dwl=codeblocks-17.12mingw-setup.exe>

Then, install the Code::Blocks on your machine. After installing, unzip the zip file of the project that you have downloaded and open up the folder Space Wars. In the folder, you will find a file named OpenGL, just open this file with Code::Blocks and then build and run from Code::Blocks. This will let you access for further development of the project.

However, if you want to run this project just for testing purpose then open up the folder Space Wars and there you will find a sub folder named bin. On that folder you will find a sub folder named Debug, go to that folder and you will find an executable file named OpenGL. Just open that file to run the project for testing.

**Instructions**

To play this game, you need to know some basic instructions that are:

* Key 'w' to move up.
* Key 's' to move down.
* Key 'd' to move right.
* Key 'a' to move left.
* Left mouse click to shoot laser.

Additionally, you will get 1 point for destroying each object coming towards the spaceship and if any object is successful to hit the spaceship then the health of the spaceship reduces. Spaceship starts with a 100 health and in each hit, it gets 10 damage. So, if 10 objects are successful to hit the spaceship then the game is over. Lastly, you can restart the game or quit the game.