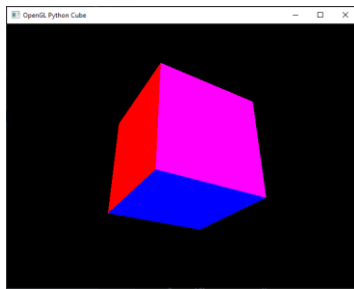
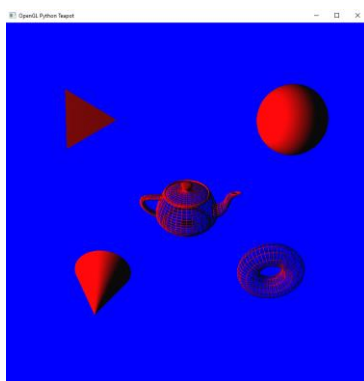


[PythonExamples](#)

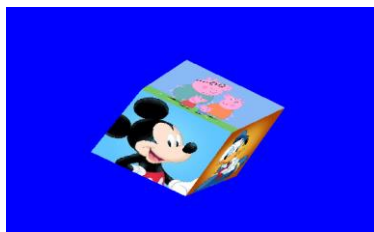
1. 3D/cube.py



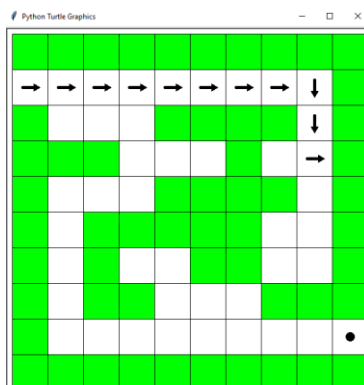
2. 3D/teapot.py



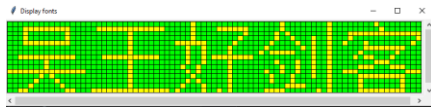
3. 3D/texture.py



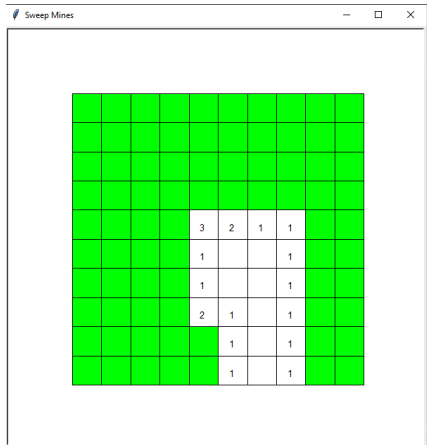
4. alg/maze2_gui.py



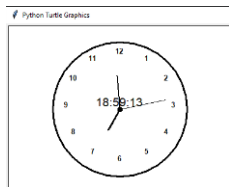
5. fonts/display_fonts.py



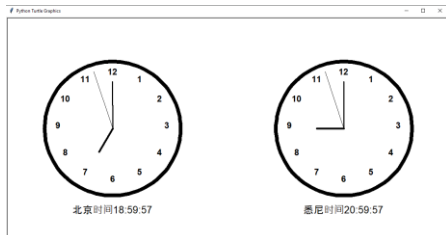
6. game/sweep_mines.py



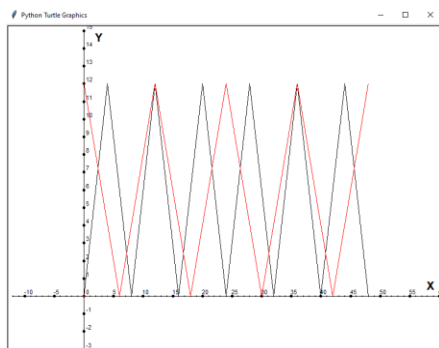
7. clock.py



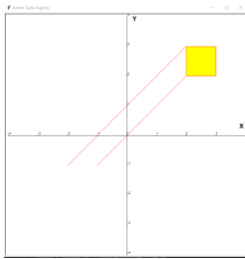
8. hua_zhong.py (Variables and functions are named in Chinese 😊)



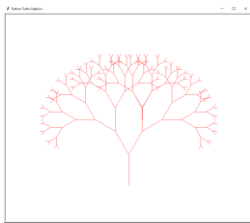
9. lawcka.py



10. line.py



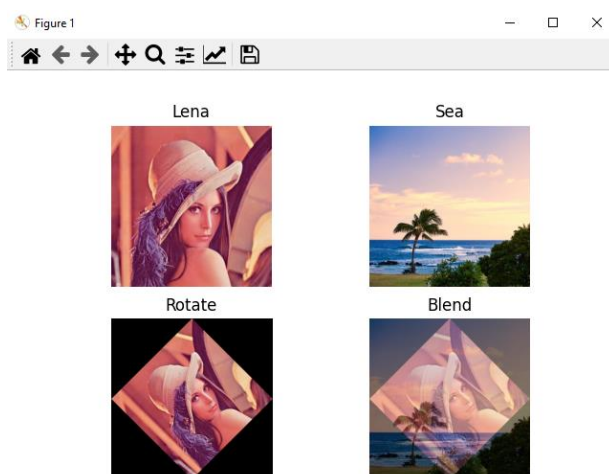
11. painter.py



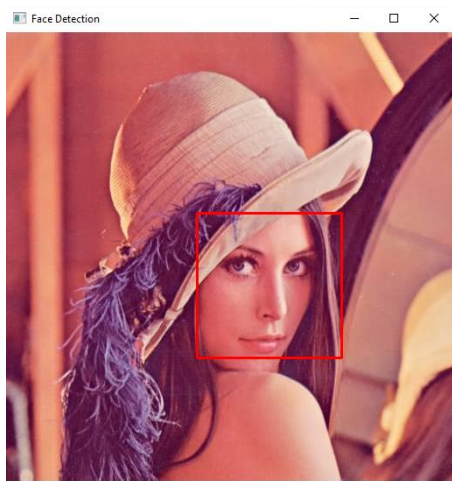
12. tgdz.py (Traditional Chinese Sexagenary Cycle)

```
Run: lawcka x tgdz x
C:\Python3.6.8\python.exe F:/Projects/TestTurtle/tgdz.py
Please input a year:
1989
己巳
Please input a year:
-221
庚辰
Please input a year:
```

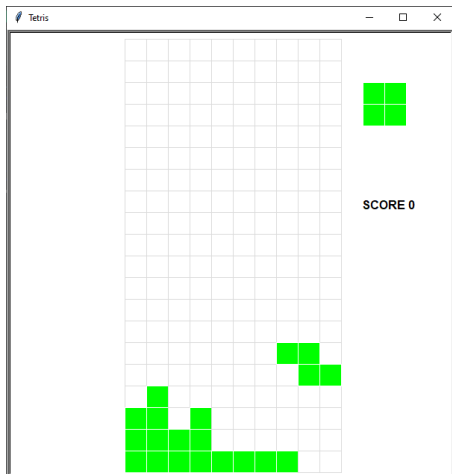
13. DIP/PIL_example.py



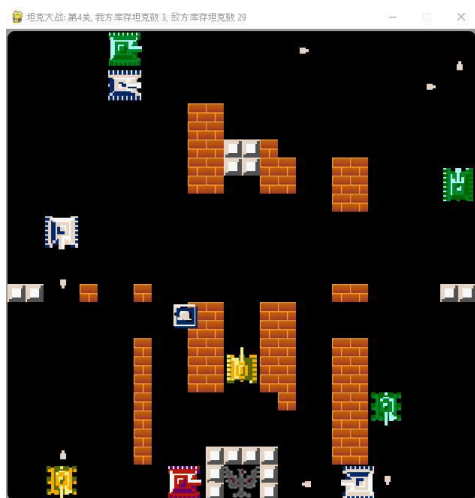
14. DIP/CV2_example.py (Camera needed)



15. game/teris.py



16. TankWar/main.py



17. OOP/phd.py and OOP/student.py for Object-Oriented Programming in Python

How to install

1. Install opengl and openglut (according to the version of the cpython on your machine).

<https://stackoverflow.com/questions/65699670/pyopengl-opengl-error-nullfunctionerror-attempt-to-call-an-undefined-functio>

<https://www.lfd.uci.edu/~gohlke/pythonlibs/#pyopengl>

```
F:\Projects\TestTurtle>pip install PyOpenGL_accelerate-3.1.5-cp36-cp36m-win_amd64.whl
```

```
F:\Projects\TestTurtle>pip install PyOpenGL-3.1.5-cp36-cp36m-win_amd64.whl
```

2. Install pygame, matplotlib, Pillow and opencv

```
F:\Projects\TestTurtle>pip install matplotlib
```

```
F:\Projects\TestTurtle>pip install Pillow
```

```
F:\Projects\TestTurtle>pip install opencv-python
```

```
F:\Projects\TestTurtle>pip install playsound
```

```
F:\Projects\TestTurtle>pip install pygame
```