



For Python go to: <https://www.python.org/downloads/>
Don't forget to tick the Path checkbox when installing.

For Pygame Zero open a Command Prompt and type: `pip install pgzero`

To Open Command Prompt in Windows 10

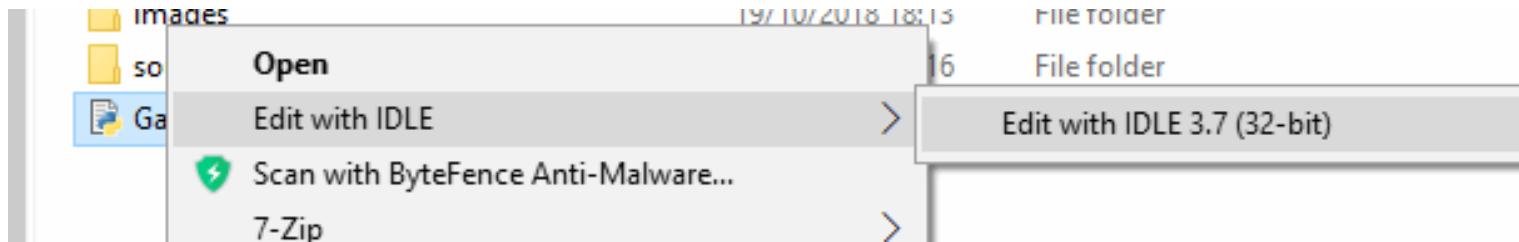
1. Select the Start button.
2. Type `cmd`.
3. Click or tap Command Prompt from the list.

Older Windows

1. Click Start (Windows XP) or the Start button (Windows 7 or Vista).
2. Click All Programs, followed by Accessories.
3. Choose Command Prompt from the list of programs.

I have some image and sound files on a USB for you.

1. Go to the *cda pygame zero* folder and open it.
2. Right click on *game_1.py*, then click on edit with Idle



When *game_1.py* opens up you will see 2 lines of code
`import pgzrun` and `pgzrun.go()` these allow us to run our code in Idle and should remain at the top and bottom of our code.

Type the following lines of code.

```
alien = Actor('alien')
alien.topright = 100, 10

WIDTH = 500
HEIGHT = alien.height + 20

def draw():
    screen.clear()
    alien.draw()
```

```
def update():  
    alien.left += 2  
    if alien.left > WIDTH:  
        alien.right = 0
```

```
def on_mouse_down(pos):  
    if alien.collidepoint(pos):  
        alien.image = 'alien_hurt'  
        sounds.eep.play()
```

```
def set_alien_hurt():  
    alien.image = 'alien_hurt'  
    sounds.eep.play()  
    clock.schedule_unique(set_alien_normal, 1.0)  
  
def set_alien_normal():  
    alien.image = 'alien'
```

```
def on_mouse_down(pos):  
    if alien.collidepoint(pos):  
        set_alien_hurt()
```