

# Python



who even reads subtitles nerd

**How is Python  
different?**

# Advantages

- Simpler syntax
- More readable
- Portable
- Easily Compiled

# Disadvantages

- Slow
- Not very scalable

**How does one  
write in this  
“Python”?**

# Before we start...

- No main method/function (executes from the top down)
- No semicolons to end lines
- Use of classes is not necessary (as in Java)
- Variables do not require a type
- No use of brackets, imposes strict indentation requirements instead

# A sample

```
def count_numbers(amount):  
    num = 0  
    while num <= amount:  
        print('Number is ' + str(num))  
        num += 1  
    return True  
  
if count_numbers(20):  
    print('Number counting was successful')
```

# Food for thought

- The names of the functions have underscores instead of camelCase
- Booleans are capitalized
- There's no increment by one (++) operator
- Variables do not have a type specifier