# John Romero Programming Proverbs

- 3. “Keep your code absolutely simple. Keep looking at your functions and figure out how you can simplify further.”

- John Romero, “The Early Days of Id Software - John Romero @ WeAreDevelopers Conference 2017”

# Python While Loop

```
#!/usr/bin/python3

n = 12
i = 1
while i<=12:
    print(i,"x 8 =", i*8)
    i=i+1
print("hello world")
```

# Python Functions

```
#!/usr/bin/python3

def mult8(i):
    return i*8

for i in range(1,13):
    print(i,"x 8 =", mult8(i))
```

# if statement and functions

```
#!/usr/bin/python3

def mult8(i):
    print(i,"x 8 =", i*8)
    if i<12:
        mult8(i+1)

mult8(1)
```