

Variables

```
name = 'Patrick'
height = 182
old = True
```

Print, concatenation, comments

```
#This is a comment
print("Hello world")
print("Hello " + name)
```

Conditions

```
a == b
a != b
a < b
a > b
a <= b
a >= b
a == True
```

```
if a > 0:
    print("First case")
elif b > 0:
    print("Second case")
else:
    print("Default")
```

```
if a > 0 and b > 0:
    print("And")
elif a > 0 or b > 0:
    print("Or")
```

Loops

```
i = 1
while i < 5:
    print(i)
    i += 1
```

```
alphabet= ["a", "b", "c"]
for letter in alphabet:
    print(letter)
```

Functions

```
def say_hello(name):
    print("Hello " + name)

say_hello("Patrick")
```

Modules

```
import time
from time import sleep
```

Built-in functions

```
len(string)
format(value, format)
isinstance(object, type)
str(object)
int(value)
range(min, max, step)
```

```
open(filename, mode)
type(object)
exec(code)
float(value)
min(value), max(value)
round(value)
```