

### Comments

```
#This is a comment
```

```
"""
```

```
This is a comment written
```

```
in more than
```

```
just one line
```

```
"""
```

### Variables

```
x = 5
```

```
5 John
```

```
y = "John"
```

```
print(x, y)
```

## Data Types

str      x = "Hello World"

int      x = 20

float    x = 20.5

## Strings

a = "Hello,      e  
World!"

print(a[1])      !! H = 0 position

for x in "ban-      b  
ana":

print(x)      a

n

a

n

a

a = "Hello,      13  
World!"

print(len(a))      space is included in the  
len

txt = "The best things in life are free!"

print("free" in txt)      True

print("free" not in      False  
txt)

b = "Hello,      llo  
World!"

print(b[2:5])

## Operators

+      x + y

-      x - y

\*      x \* y

/      x / y

%      3 % 2 = 1 , 7 % 2 = 1

\*\*      3 \*\* 2 = 3 ^ 2

==      Equal

!=      Not equal

&      AND

|      OR

