

This is my first Jupyter Notebook

Learning objectives:

- Variables
- Math operations
- Casting
- Strings
- Booleans

Learning Python with SoloLearn, w3schools, datacamp.

Variables

```
In [3]: a = 5  
print(a)  
  
5  
  
In [8]: a = 10  
type(a)  
  
Out[8]: int
```

Math operations

```
In [4]: a = 5  
b = 10  
print(a+b)  
  
15  
  
In [2]: c = "Volvo"  
d = "is the best car"  
print(c + " " + d)  
  
Volvo is the best car  
  
In [1]: if 5 > 2:  
    print("Five is greater than two!")  
  
Five is greater than two!
```

Casting

```
In [3]: x = float(1)  
print(x)  
  
1.0  
  
In [4]: y = str(2)  
print(y)  
  
2  
  
In [6]: value = int(input("Set one number: "))  
value *10  
  
Out[6]: 100
```

Strings

```
In [7]: a = "Hello friend!"  
print(a[1])  
  
e  
  
In [2]: word = "Python"  
print(word[0:2])  
  
Py  
  
In [6]: a = """Multiline string,  
multiline string"""  
print(a)  
  
Multiline string,  
multiline string  
  
In [5]: for x in "banana":  
    print(x)  
  
b  
a  
n  
a  
n  
a
```

Booleans

```
In [8]: print (10 > 9)  
  
True  
  
In [6]: txt = "The best things in life are free!"  
print("free" in txt)  
  
True  
  
In [1]: from IPython.display import Image  
Image(filename='joy.jpg')
```



Installation of Jupyter Nbextensions: done.

https://github.com/dominikapetru/Jupyter_Markdown