

Variables

We are learning basics of python

```
In [1]: a = 5
```

```
In [2]: print(a)
```

5

```
In [3]: print("Hello World")
```

Hello World

```
In [4]: 3+5
```

```
Out[4]: 8
```

```
In [5]: 6-4
```

```
Out[5]: 2
```

```
In [6]: (6+9)*5
```

```
Out[6]: 75
```

```
In [7]: x = 5
```

```
In [8]: print(x)
```

5

```
In [9]: type(x)
```

```
Out[9]: int
```

```
In [10]: y = 'Python'
```

```
In [11]: print(y)
```

Python

```
In [12]: type(y)
```

```
Out[12]: str
```

In [13]: `%whos`

Variable	Type	Data/Info
a	int	5
x	int	5
y	str	Python

In [14]: `z= '45'`

In [15]: `%whos`

Variable	Type	Data/Info
a	int	5
x	int	5
y	str	Python
z	str	45

In [16]: `f = 4.67`

In [17]: `type(f)`

Out[17]: float

In [18]: `e = 3.0`

In [19]: `type(e)`

Out[19]: float

In [20]: `sum = a + x`

In [21]: `print(sum)`

10

In [22]: `type(sum)`

Out[22]: int

In [23]: `sum = 56`

In [24]: `print(sum)`

56

In [25]: `com = 2 + 4j`

In [26]: `type(com)`

Out[26]: complex

```
In [27]: com
```

Out[27]: (2+4j)

```
In [28]: a,b,c,d = 6,5.7,2,"Hello"
```

```
In [29]: %whos
```

Variable	Type	Data/Info
a	int	6
b	float	5.7
c	int	2
com	complex	(2+4j)
d	str	Hello
e	float	3.0
f	float	4.67
sum	int	56
x	int	5
y	str	Python
z	str	45

```
In [30]: print(a,b,c,d)
```

6 5.7 2 Hello

```
In [ ]:
```

```
In [ ]:
```