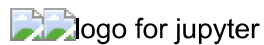## Notebook Basics

- *mounee*
- **mounee**
- ***mounee***
- mounee
  - mounee 1
  - mounii 2

1. mounee 1
2. mounee 2

logo for jupyter

python basics

python version 3.7

```
In [5]:   1  # python comments
          2
          3  print("hai", "!",end="| |") # basic outpuy
          4  print("hello python")
```

hai !| |hello python

```
In [ ]:   1
```

Assignment

```
In [12]:  1  n1=123456 # single variable assignment
          2
          3  n2 = n3 = n4 = n1   # multi variable assignment of the value
          4
          5  a , b , c=123,234,345# multi variable assignment with different assignments
          6
          7  print(a, b, c)
```

123 234 345

Type *Markdown* and LaTeX: α^2

Arithmetic operations

- +
- -
- *

- /

In [13]: `1  n1 % 11`

Out[13]: 3

Data types

- int
- float
- string
- double

type(a) s1 = "python" type(s1)

f1=12.345 type(f1)

float (str(int(f1)))

Type *Markdown* and LaTeX: α^2

conditions

if atoms < 10 ** 9: print("TRUE") else: print("FALSE")

In [ ]: `1`