This will print a mesage

```
In [ ]:  print ("Hello world")
```

Create a variable

```
In [ ]:  X= float(3)
```

- Simple Arithmetic Operators
  - Addition
  - Substraction
  - Multiplication
  - Divison
  - Modulus
  - Exponentiation
  - Floor Division

```
In [3]:   x = 2
          y = 5
         print (x+y)
         print (x-y)
         print (x*y)
         print (x/y)
         print (x%y)
         print (x**y)
         print (x//y)
```

```
7
-3
10
0.4
2
32
0
```



```
In [4]:   x, y = 2, 5

         if y>x:
             print ("Y is grater than X")
```

```
Y is grater than X
```

- This is a Bullet point list:
  - item 1
  - item 2
    - item 2.1
    - item 2.2

```
In [4]:   x, y = 3, 1

         if y>x:
             print ("Y is grater than X")
         else:
             print("Y is smaller than X")
```

```
Y is smaller than X
```

Let's try String tecniques

```
In [8]:  txt = "Data Science"
         txt2 = "is"
         txt3 = "fun"
         full_txt = txt + " " + txt2 + " " + txt3 + "."

         print (len(txt))
         print (txt[3])
         print (txt[1:10])
         print (txt.replace(" ",""))
         print (full_txt.upper())
```

```
12
a
ata Scien
DataScience
DATA SCIENCE IS FUN.
```

Boolean

```
In [1]:   x, y = 10, 5
          x<y
```

```
Out[1]:  False
```