Numeric Data

- Operators

```
1   #float division
2   3/2
3   1.5
4
5   #integer division
6   3//2
7   1
8
9   #exponentiation
10  3 ** 2
11  9
12
13  #Modulus - >return remainder after division
14  4 % 2
15  0
16
17  4 % 3
18  1
```

- Functions

```
1
2   #return absolute value
3   abs(-10)
4   10
5
6   #return number rounded to nearest integer value
7   round(10.5)
8   11
```

- Casting to integer
  To cast strings/floats to integers use the int() function

```
1   x = 10.05
2   type(x)
3   <type 'float'>
4   xint = int(x)
5   type(xint)
6   <type 'int'>
7
8   y = '100'
9   type(y)
10  <type 'str'>
11  yint = int(y)
12  yint
13  100
14  type(yint)
15  <type 'int'>
```