Install Anaconda

https://docs.anaconda.com/anaconda/install/index.html

https://www.youtube.com/watch?v=5mDYijMfSzs

Sample Codes

```
#  Numerical Operations

a = 2+3+5

b = 66-3-(-4)

c = 32*3

d = 2**3

e = 43/3

f = 32//3

g = 44%3

# h = 32 / % 3  find the quotient

i = 44 % 3


#  For Loops

#numbers from 0 to 30 increment 6

for x in range(0, 30, 6):

  print (x)


#  Functions

def myfirstfunction(x):

   y=x**3+3*x+20

   print(y)


myfirstfunction(20)
```

```
#  More Numerical Operations

import math

math.exp(2)

math.log(2)

math.log(2,10)

math.sqrt(10)

dir(math)

a=[23,45,78,97,89]

type(a)

len(a)


# Statistics / numpy

max(a)

min(a)

sum(a)

import numpy

numpy.mean(a)

numpy.std(a)

numpy.var(a)


# Help - random numbers

numpy.random?

from random import randint,randrange

print(randint(0,9))

randrange(10)

for x in range(0,5):

    print(randrange(10))
```