Microsoft Windows [Version 6.1.7601]

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C:\Users\Me>python

Python 3.6.0 |Anaconda 4.3.1 (64-bit)| (default, Dec 23 2016, 11:57:41) [MSC v.1

900 64 bit (AMD64)] on win32

Type "help", "copyright", "credits" or "license" for more information.

>>> m-cycle=['honda','suzuki','super','yammah']

File "<stdin>", line 1

SyntaxError: can't assign to operator

>>> m-cycle=['honda','suzuki','super','yammah'].

File "<stdin>", line 1

m-cycle=['honda','suzuki','super','yammah'].

^

SyntaxError: invalid syntax

>>> m-cycle=['honda','suzuki','super','yammah']

File "<stdin>", line 1

SyntaxError: can't assign to operator

>>> m\_cycle=['honda','suzuki','super','yammah']

>>> print(m\_cycle)

['honda', 'suzuki', 'super', 'yammah']

>>> print(m\_cycle[0].upper())

HONDA

>>> print(m\_cycle[1].title())

Suzuki

>>> message="my first motorcycle was a" +m\_cycle[0].upper()+" "

>>> print(message)

my first motorcycle was aHONDA

>>> message="my first motorcycle was a" + m\_cycle[0].upper()+ " "

>>> print(message)

my first motorcycle was aHONDA

>>> print(m\_cycle[-1].title())

Yammah

>>> m\_cycle.append('docati')

>>> print(m\_cycle)

['honda', 'suzuki', 'super', 'yammah', 'docati']

(C:\ProgramData\Anaconda3) C:\Users\Me>print("zunair)

(C:\ProgramData\Anaconda3) C:\Users\Me>python

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>>> print("zunair")

zunair

>>> import numpy as np

>>> x=np.array([[1,2], [3,4]])

>>> v = np.array([1,2])

>>> np.dot(x, v)

array([ 5, 11])

>>> import numpy as np

>>> import matplotlib.pyplot as plt

>>> x = np.linspace(0, 10, 50)

>>> sinus = np.sin(x)

>>> plt.plot(x, sinus)

[<matplotlib.lines.Line2D object at 0x0000000004CAA2E8>]

>>> plt.show()

>>> import numpy as np

>>> import matplotlib.pyplot as plt

>>> x = np.linspace(0, 10)

>>> sinus = np.sin(x)

>>> plt.plot(x, sinus)

[<matplotlib.lines.Line2D object at 0x0000000005029668>]