# Python LAB 1 Questions

Fundamentals of data science

1. What will be the output of

print (2 + 10 \* 10 + 3)

print ((2+10) \* (10+3))

Observe the output, thus observe the sequence in which python calculates the value of expression.

1. What will be the output of

red = 5

blue = 10

print (red, blue)

yellow = red

print (yellow, red, blue)

red = blue

print (yellow, red, blue)

1. How do you find the square root of 81, and fourth root of 256?
2. What will be the output of

a = 5

print(a+a)

a=a+a

print(a)

1. If my income is 100 and tax rate is 10%, what will be the total tax? Explain with the code.
2. What will be the output of

s = 'STRING'

print ('Place another string with a mod and s: %s' %(s))

print ('Floating point numbers: %1.2f' %(13.144))

print ('Floating point numbers: %1.5f' %(13.144))

print ('Floating point numbers: %25.2f' %(13.144))

print ('One: {p}, Two: {p}, Three: {p}'.format(p='Hi!'))

1. What is the output that you expect 0.1 + 0.2 – 0.3 ==0 And Why? And what you see?