Questions for Python

Chapter 2 lecture 1

1. What’s wrong with code for line 80:

vec = [] #use vec to append new value pairs to

for index,val in enumerate(norm\_1):

if val > mean-2\*std and val < mean+2\*std:

vec.append(index,val)

print(enumerate((loci,vec)))

1. Why is [index] needed for the code in line 90?

for index, num in enumerate(my\_list):

if num < 0: continue

my\_list[index] = num\*\*2

else:

print('done')

1. write a user defined function that iterates over a a list of integers 1 to `n` and yields the integers which are a perfect square

import numpy as np

n=int(input('please select 1 to '))

x = list(range(1,(n+1)))

my\_nums = (np.sqrt(x) for x in x if(np.sqrt(x).is\_integer()))

for num in my\_nums:

print(num)