………………………………………………………………Assignment……………………………………………………………………..

1.  Convert the below list into numpy array then display the array  
  
Input: my\_list = [1, 2, 3, 4, 5]

#code

Import numpy as np #importing numpy

my\_list = [1,2,3,4,5] #given list

array = np.array(my\_list) #convert array into numpy array

print(“The numpy array is:”,array) #print the statement

output: The numpy array is: [1 2 3 4 5]

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2. Convert the below list into a numpy array then display the array then display the first and last index and then multiply each element by 2 and display the result.  
  
Input: my\_list = [1, 2, 3, 4, 5]

#python code

Import numpy as np #importing numpy

my\_list = [1,2,3,4,5]

array = np.array(my\_list) #convert list into numpy array

print(“The numpy array is:”,array) #print numpy array

print(“The first element:”,my\_list[0]) #print first element

print(“The second element:”,my\_list[-1]) #print second element

multiply\_array = array\*2 #multiply each element by 2

print(multiply\_array) #print the array after element

output: The numpy array is: [1 2 3 4 5]

The first element: 1

The second element: 5

[ 2 4 6 8 10]

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