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4
5 my_tuple = (1,2,3,3,5)
6
7 print("TUPLE <-----{0}----->".format(my_tuple))
8 print("")
9
10 #count()
11 a = int(input("-->> Enter the number for which you want to find the
    repetition: "))
12 count = my_tuple.count(a)
13 print("'{0}' is repeated {1} times in the given tuple.".format(a,count))
14 print("")
15
16 #index()
17 b = int(input("-->> Enter the number for which you want to find the index: "))
18 index = my_tuple.index(b)
19 print("The index of '{0}': {1}.".format(b,index))
20 print("")
21
22 #I. Demonstrate positive and negative indexing with python Tuple.
23 c = int(input("-->> Enter the positive index to find the element: "))
24 print("The Element at '{0}' positive position is: {1}".format(c,my_tuple[c]))
25 d = int(input("-->> Enter the negative index to find the element: "))
26 print("The Element at '{0}' negative position is: {1}".format(d,my_tuple[d]))
27
28 #II. Demonstrate slicing operations on python Tuple.
29 e = int(input("-->> Enter the initial value for slicing: "))
30 f = int(input("-->> Enter the final value for slicing: "))
31 slicing = my_tuple[e:f]
32 print("The element from [{0}:{1}] in the given tuple:
    {2}".format(e,f,slicing))
33 print("")
34
35 #updating()
36 g = int(input("-->> Enter the index at which you want to change the number:
    "))
37 h = int(input("-->> Enter the number to change at index '{0}': ".format(g)))
38 my_list = list(my_tuple)
39 my_list[g] = h
40 my_tuple = tuple(my_list)
41 print("After updating the given tuple --> {0}".format(my_tuple))
42 print("")
43
44 print("-*-*-*-*-*END OF PRACTICAL 5-*-*-*-*-*")
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