Python Lab
PCC-CS393

ASSIGNMENT-1

Write single python program for all problem of Assignment1. Save it as rollno_Ass1.py and submit.

1. Given a string of length greater than 2, return a string except 1st and last characters.
2. Given 2 strings, s1, and s2 return a new string made of the first, middle and last char each input string.
3. Given 2 strings, s1 and s2, create a new string by appending s2 in the middle of s1
4. Find all occurrences of "India" in given string ignoring the case.
5. Find the last position of a substring "Emma" in a given string.
6. Display the two substring separated by space.
7. Given an input list removes the element at index 4 and add it to the 2nd position and also, at the end of the list.
8. Reverse the following tuple aTuple = (10, 20, 30, 40, 50)
9. Access value 20 from the following tuple aTuple = ("Orange", [10, 20, 30], (5, 15, 25))
10. Unpack the following tuple into 4 variables aTuple = (10, 20, 30, 40)
11. Swap the following two tuples tuple1 = (11, 22) tuple2 = (99, 88)
12. Copy element 44 and 55 from the following tuple into a new tuple tuple1 = (11, 22, 33, 44, 55, 66)
13. Modify the first item (22) of a list inside a following tuple to 222 tuple1 = (11, [22, 33], 44, 55)
14. Below are the two lists convert it into the dictionary keys = ['Ten', 'Twenty', 'Thirty'] values = [10, 20, 30]
15. Merge following two Python dictionaries into one dict1 = {'Ten': 10, 'Twenty': 20, 'Thirty': 30} dict2 = {'Thirty': 30, 'Fourty': 40, 'Fifty': 50}
16. Check if a value 200 exists in a dictionary sampleDict = {'a': 100, 'b': 200, 'c': 300}
17. Rename key city to location in the following dictionary sampleDict = { "name": "Kelly", "age":25, "salary": 8000, "city": "New york"}
18. Get the key corresponding to the minimum value from the following dictionary
19. sampleDict = { 'Physics': 82, 'Math': 65, 'history': 75}
20. Given a Python dictionary, Change Brad's salary to 8500 sampleDict = { 'emp1': {'name': 'Jhon', 'salary': 7500}, 'emp2': {'name': 'Emma', 'salary': 8000}, 'emp3': {'name': 'Brad', 'salary': 6500}}