

Assignment -1	
Python Programming	
PGCP DSML IITR-Times TSW	
Qn. No	Question
1	Write a program to sort three integers WITHOUT using conditional statements and loops
2	Write a program to check whether lowercase letters exist in string.
3	Write a program to reverse a positive integer number.
4	<p>Write a program to check if a value 99 exists in dictionary.</p> <p>Input: Dict = {'Sachin': 10, 'MSD': 07, 'Ravindra': 08, 'Ravichandran': 99} Output: True</p>
5	<p>Write the program to swap two tuples</p> <p>Input: Tuple1 = (11, 22) Tuple2 = (33, 44) Output: Tuple1 = (33, 44) Tuple2 = (11, 22)</p>
6	<p>Write the program to check if all items in the given tuple are the same.</p> <p>Input: Tuple = (10, 10, 10, 100) Output: False</p>
7	<p>Write a program to delete set of key from a dictionary</p> <p>Input: Dict = {"Name": "Rishabh Pant", "Age": 23, "Runs": 2444, "Country": "India"} KeysToRemove = ["Age", "Country"] Output: {'Name': 'Rishabh Pant', 'Runs': 2444}</p>
8	<p>Write a program to slice a given list into 3 equal chunks and reverse each chunk.</p> <p>Input: List = [2, 4, 6, 8, 10, 12, 14, 16, 18] Output: Chunk 1 [2, 4, 6] After reversing it [6, 4, 2] Chunk 2 [8, 10, 12] After reversing it [12, 10, 8] Chunk 3 [14, 16, 18] After reversing it [18, 16, 14]</p>

9	Write a program to check if the key "country" exists in the given dictionary using if statement.
10	Write a program to sort a list alphabetically in a dictionary n1: ['a','A','c'], 'n2': ['9', '1', 'w'], 'n3': ['5', '9', '0']
11	Write a program to calculate the average value of the numbers in a given tuple of tuples Input: Tuple1 = ((10, 10, 20, 10), (12, 14, 15, 25), (16, 18, 13, 17)) Output: Tuple2 = (12.666666666666666, 14.0, 16.0, 17.333333333333332)
12	Write a program to convert a given tuple of positive integers into an integer. Input: Tuple = (1,2,3) Output: Tuple2 = 123

.....END