

VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY NAGPUR

DEPARTMENT OF TRAINING AND PLACEMENT

ASSIGNMENT ON PYTHON PROGRAMMING-01

1. Write a Python program to sum all the items in a list.
2. Write a Python program to count the number of characters in a string.
Sample String: 'google.com'
Expected Result: {'o': 3, 'g': 2, '.': 1, 'e': 1, 'l': 1, 'm': 1, 'c': 1}
3. Write a Python program to add 'ing' at the end of a given string (length should be at least 3). If the given string is already ending with 'ing' then add 'ly' instead. If the string length of the given string is less than 3, leave it unchanged.
Sample String: 'abc'
Expected Result: 'abcing'
Sample String: 'string'
Expected Result: 'stringly'
4. Write a Python program to add key to a dictionary.
5. Sample Dictionary: {0: 10, 1: 20}
Expected Result: {0: 10, 1: 20, 2: 30}
6. Write a Python program to check if a given key already exists in a dictionary.
7. Write a Python program to remove the characters which have odd index values of a given string.