

ASSIGNMENT 3

1. Program to reverse each word in a string

Input – python language

Output – nohtyp egaugnal

2. Program to capitalise first and last character of each word in a string .

Input – hello python

Output – Hello PythoN

3. Program to check first letter of each word is capital or not in a string

Input1- Hello World

Output1 – True.

Input2 – hello World

Output 2- False

4. Print the required pattern –

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    ***
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  *****
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5. Program to swapcase each letter of a string

Input- Hello World

Output- hELLO wORLD

6. program to remove all duplicates from a given string

Input- python programming

Output - python rgami

7. Print to count even and odd numbers in a list .

Input- [1,2,4,3,5,6,8]

Output - total even are 4 and odd are 3

8. Program to sum of number digits in a list

Input-[12,43]

Output-[3,7]

9. Program to find distinct words from a tuple

Input-("python","programming","python")

Output-("python","programming")

10. Program to create a list of tuples from given list having numbers and it's cube in each tuple .

Input – a=[2,3,4]

Output- [(2,8),(3,27),(4,64)]

11. Write a Python script to print a dictionary where the keys are numbers between 1 and 15 (both included) and the values are the square of the keys.

Sample Dictionary

{1: 1, 2: 4, 3: 9, 4: 16, 5: 25, 6: 36, 7: 49, 8: 64, 9: 81, 10: 100, 11: 121, 12: 144, 13: 169, 14: 196, 15: 225}

12 . Write a Python program to create a dictionary from a string.

Note: Track the count of the letters from the string.

Sample string : 'w3resource'

Expected output: {'w': 1, '3': 1, 'r': 2, 'e': 2, 's': 1, 'o': 1, 'u': 1, 'c': 1}

13. Program to count no of words , letters and line in a text file .

14. Write a program to copy content of a file to another file .

15. Write a program to print only those words in a file which contain atleast 2 vowels

INPUT - Python is a programming language

Output -

Programming language

t.txt