

Set Assignment 2

Q1. Write a program to multiply all the float element in the set. set should be taken as input such that a set should contain integer float and string element.

Input:- Enter a set:-{5, 'abc', 7, 8.0, 'def', '10.0', 11, 12.0, '123', 14.0}

Output:- 1344.0

Q2. Write a program to add all the integer element in a set and set should be taken as input such that a set should contain integer float and string element.

Input:- Enter a set:-{5, 'abc', 7, 8.0, 'def', '10.0', 11, 12.0, '123', 14.0}

Output:- 23

Q3. Write a Python program to convert all the even number of a set into a string and set should be user defined.

Input:- Enter a set:-{5, 6, 7, 8, 9, 10, 11, 12, 13, 14}

Output:- {'10', 5, 7, 9, 11, 13, '14', '6', '8', '12'}

Q4. Write a Python program to convert all the odd number of a set into a float and set should be user defined.

Input:- Enter a set:-{5, 6, 7, 8, 9, 10, 11, 12, 13, 14}

Output:-{5.0, 6, 7.0, 8, 9.0, 10, 11.0, 12, 13.0, 14}

Q5. Write a program to convert all the integer element of a set into float and the float element of a set into integer and set should be user defined

Input:- {5.0, 6, 7.0, 8, 9.0, 10, 11.0, 12, 13.0, 14}

Output:- {5, 6.0, 7, 8.0, 9, 10.0, 11, 12.0, 13, 14.0}