Tuple Assignment - 1

Q1. Write a python program to create a tuple with elements 'apple', 'banana', 'cherry'. Print the first and last elements.

Q2. Write a python program which prints the second last element and check if 'blue' is in the given tuple.

t = ('red', 'green', 'blue', 'yellow')

Q3. Write a python program in which slice the given tuple to get the elements from the second to the fourth position. Print the sliced tuple and its length.

tpl = ('a', 'b', 'c', 'd', 'e')

Q4. Write a python program to concatenate the given tuples. Print the result and then sort the tuple and print it.

t1 = ('a', 'b', 'c')

t2 = ('d', 'e', 'f')

Output: ('a', 'b', 'c', 'd', 'e', 'f')

('a', 'b', 'c', 'd', 'e', 'f')

Q5. Write a program to count how many times 5 appears and find the index of the first occurrence of 3. Print both results.

t = (1, 2, 3, 4, 5, 5, 5, 6).

Q6. Write a program to create a tuple with elements ('cat', 'dog', 'mouse', 'elephant'). Slice it to get the first two elements and print them and also print the after sorting the tuple.

Q7. Write a python program which prints the last element of given tuple and check if 'Hello' is in the tuple. Print the results.

tpl = ('python', 'java', 'c++', 'ruby')

Output: 'ruby'

False

Q8. Write a python program to create a tuple with elements ('hello', 'world', 'python'). Print its length then add '3' as int at the last of tuple and Print

Output: 3

['hello','world','python',3]

Q9. Write a python program which access first six elements of the given tuple, then count how many times 5 appears in the new tuple. Print both results.

t = (1, 2, 5, 5, 6, 3, 4, 5, 5, 5, 6)

Q10. Write a python program in which concatenate the given tuples and print the resulting tuple and the third element of generated tuple.

t1 = ('java', 'python')

t2 = ('c', 'ruby')