Homework #13 Tuples.

Tasks:

1. Create a variable with any string. Convert it to tuple using tuple(). Describe the result.

2. Write a Python program calculate the product, multiplying all the numbers of a given tuple.

3. Write a Python program to calculate the average value of the numbers in a given tuple of tuples. To calculate the average, find the sum of the elements and divide them by the length of the tuple.

4. Write a Python program to convert a tuple of string number values to a tuple of integer values.

5. Write a Python program to compute element-wise sum of given equal length tuples.

   For example:
   (1, 2, 3, 4)
   (3, 5, 2, 1)
   (2, 2, 3, 1)

   Element-wise sum of these tuples is:
   (6, 9, 8, 6)