Coding Questions

- Exercises 1 :

 # Write a Python program to insert a string in the middle of a string
 # Example :
 # input : [[]] hello
 # output : [[hello]]

- Exercises 2 :

 # Use lambda function to get number of "#" in a text

- Exercises 3 :

 # Write a python script to find the tuple that has <u>the least second value</u> from a list of tuples
tuples = [(1,2), (1,3), (4,2), (5,6), (10,0)]

- Exercises 4 :

Write a Python program to replace dictionary values with their avg
test_dict = {   "ali": 29,   "ahmed": 13,   "noha": 20,   "ramy": 15}

- Exercises 5 :

Write a python function to sort a list of tuples by their second item
 example this : [(0, 5), (2, 0), (9, 3)] becomes: [(2, 0), (9, 3), (0, 5)]

- Exercises 6 :

write a python function to read two N*M arrays and multiply them element wise
 input example: enter dims: 2 2

enter array 1-row-0: 5 3

enter array 1-row-1: 1 2

enter array 2-row-0: 2 6

enter array 2-row-1: 4 0

result:

 10 18

 4   0