COMPLEX DATA STRUCTURES & COMPREHENSION – ASSIGNMENT 3

1. Consider the table below:

Eid	Ename		Elocation	Salary		Eteam
	First Name	Last Name		Basic	Flexible	
1001	Justin	Davies	Bangalore	25000	13000	Testing, Management
1002	Clark	Tris	Chennai	28000	15000	CM, Development
1003	Paul	Ryan	Noida	35000	10000	Support, Testing
1004	Andy	Williams	Delhi	45000	5000	Management, Testing
1005	Manual	Jeyapaul	Gurgaon	56000	25000	CEO, CFO, CAO

Store the above data in appropriate data structure.

2. Input a list of strings from the user. Filter the list which are palindrome using comprehension.

3. Input a string from the user. Convert the string in such a way that it should contain only UPPERCASE letters. Use the concept of comprehension.

    (Eg): If user enters a string "PyThOn", the output should be "PTO" in the form of string.

4. Get a string from the user. Count the number of occurrences of each character in the string and store it in the form of dictionary.

    (Eg): If user enters a string "php", the output should be "{'p': 2, 'h': 1}"

5. Get the string from the user and extract the characters that occurs more than one time in the string.