

Question 01:

Take strings as user input and add them to a list. In this list, there needs to be at least 2 strings.

Now, your task is:

1. If the element number in the given list is less than 2, keep asking for user input until he/she creates a list where the element number is more than 2. When the user gives "STOP" as input, the code will stop asking for strings as input.
2. However, if the element number is less than 2 and the user gives "STOP", then print "Element Number is less than 2. Keep entering value" and continue giving strings as input till it's enough.
3. Next, in odd indexes of the list, if you find small letters, change them by right shifting the letter 3 times. For example: "HeLLO" - here "e" is a small letter. So, by right shifting 3 times, you will get "h" because "e" → "f" → "g" → "h". Now, while shifting if you get "z", start from "a". For example: "JELLy". Here, "y" will become "b". Because "y" → "z" → "a" → "b".
4. Now, print the list as output.

****Hint: you may use abs(), chr() and ord() built-in-functions)****

Sample input 01:

ABCD
HeLLO

Sample Output 01:

["ABCD", "HhLLO"]

Sample input 02:

I
Love
Bread
Jelly

Sample Output 01:

["I", "Lryh", "Bread", "Jhoob"]

Question 02: (Tracing)

```
user_list = [1,5,9,7,8,6,3,2,4,9]
c=[0,1,2,3,4,5,6,7,8,9]

index1 = 0
index2 = 5
c=user_list.copy()

while (index1 < 10):
    user_list[index1] = index1 + 1

    if index1 > index2 and index2>0:
        index2 = index2-1
    x=0
    while x<2:
        user_list[index1] = c[index2] + user_list[index2] + x - index1
        x=x+1
    if index1<5:
        print(user_list[index1])
    else:
        print(c[index1-1]+user_list[index1])

    index1 = index1 + 1
```