1. List = [1,2,2,3,4,1,4,5,5,6,7,7]  
   count the frequency of the list item and print it in the dictionary form   
   Expected Output : {listitem:frequency}
2. Print the following pattern  
   a)- A  
    A B  
    A C D  
    A E F G  
   b)- 1  
    1 2 3  
    1 2 3 4 5
3. Write a program to remove duplicate elements from the list without using set()

Given a list

List = [1,1,2,3,4,5,6,6]

Expected o/p

List=[1,2,3,4,5,6]

1. Write a program to find second largest element in a list
2. Write a program to find the maximum length of word from the string
3. Words=[‘banana’,’cherry’,’apricot’,’kiwi’,’coconut’,’avacado’,’apple’]  
   Given a list of string , write a program that prints the first letter that starts with the letter ‘a’ and ‘A’
4. Given a nested dictionary , you need to write a program to find the max age and min age  
   {emp1 : {‘name’:’abc’,’age’:26}  
    emp1 : {‘name’:’wer’,’age’:36}  
    emp1 : {‘name’:’rty’,’age’:29}}
5. Write a Python program to remove an element from a tuple.
6. Write a program to find the sum of elements in a tuple.
7. Write a program to check if a string is a palindrome.
8. Write a program to find the longest word in a string.
9. Write a program to count the number of words in a string.
10. Write a program to check if given number is prime or not
11. Write a program to check the given number is Armstrong number or not
12. Python program to print the Fibonacci series
13. Built in types in python
14. Scope of a variable : different scopes in python
15. Recursive function : explain with examples
16. Lambda or Anonymous functions. Use of lambda functions. Explain  
    map(), filter(), reduce()
17. Difference between list and tuple