1. Write a Python function that accepts a string and counts the number of upper and lower case letters.  
   Sample String : 'The quick Brow Fox'  
   Expected Output :  
   No. of Upper case characters : 3  
   No. of Lower case Characters : 12
2. Write a Python function that takes a list and returns a new list with distinct elements from the first list.  
   Sample List : [1,2,3,3,3,3,4,5]  
   Unique List : [1, 2, 3, 4, 5]
3. Write a Python function to check whether a number is "Perfect" or not.

Example : The first perfect number is 6, because 1, 2, and 3 are its proper positive divisors, and 1 + 2 + 3 = 6. Equivalently, the number 6 is equal to half the sum of all its positive divisors: ( 1 + 2 + 3 + 6 ) / 2 = 6. The next perfect number is 28 = 1 + 2 + 4 + 7 + 14. This is followed by the perfect numbers 496 and 8128.

1. Write a Python Program to Display Fibonacci Sequence Using Recursion
2. Write a Python program to detect the number of local variables declared in a function.