Write a python module script that contains fib2() method to calculate thefibonacci series till 1000 and save it as fibo.py.

Note : The module created as fibo.py has to be placed in lib folder For linux/ubuntu path = /home/anaconda/lib/python3 For Windows path = C:\Users\Ajit\Anaconda3\Lib

In [1]:
```
import fibo
```

```
How many terms? 28
Fibonacci sequence upto 28 :
0 , 1 , 1 , 2 , 3 , 5 , 8 , 13 , 21 , 34 , 55 , 89 , 144 , 233 , 377 , 610 ,
987 , 1597 , 2584 , 4181 , 6765 , 10946 , 17711 , 28657 , 46368 , 75025 , 121
393 , 196418 ,
```

Write a python module script that contains ispalindrome() method to calculate the input string as palindrome string or not and save it as palindrome.py

In [2]:
```
import palindrome
```

```
Please enter a word to check whether it is palindrome or not    malayalam
Yes
```

Write a Python program to give exception “Array Out of Bound” if the user wants to access the elements beyond the list size (use try and except)

In [3]:
```
list=[1,2,3,4]
print("The length of the list is",len(list))
x=input("Enter a number greater than the lenght of the list\t")
try:

    print(list[x])
except :

        print("As you are accessing the elements beyond the list size i.e; Arr
ay Out of Bound")
```

```
The length of the list is 4
Enter a number greater than the lenght of the list      5
As you are accessing the elements beyond the list size i.e; Array Out of Boun
d
```

In [ ]:
```

```