

```
# Fabonacci
nterms = float(input("How many terms? "))

# first two terms
n1 = float(input('Enter the First Term: '))
n2 = float(input('Enter the Second Term: '))
count = 0

# check if the number of terms is valid
if nterms <= 0:
    print("Please enter a positive integer")
elif nterms == 1:
    print("Fibonacci sequence upto",nterms,":")
    print(n1)
else:
    print("Fibonacci sequence:")
    while count < nterms:
        print(n1)
        nth = n1 + n2
        # update values
        n1 = n2
        n2 = nth
        count += 1
```