

```

# Program to display the Fibonacci sequence up to n-th term
nterms = int(input("how many terms?"))

# first two terms
n1, n2 = 0, 1
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

☞ how many terms?1
   Fibonacci sequence upto 1 :
   0

```

編集するにはダブルクリックするか Enter キーを押してください

```

# Program to check for lucky number
Returns 1 if n is a lucky number otherwise returns 0
def is Lucky(n):
    # Function attribute will act as static variable

    # just for readability, can be removed and used n instead
    next_position = n

    if is Lucky.counter > n:
        return 1
    if n % is Lucky.counter == 0:
        return 0

    # Calculate next position of input number
    next_position = next_position - next_position / is Lucky.counter

    is Lucky.counter = is Lucky.counter + 1

    return is Lucky(next_position)

# Driver Code

is Lucky.counter = 2 # Acts as static variable

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n = 5
if is Lucky(n):
    print(n,"is a Lucky number")
else:
    print(n,"is not a Lucky number")
```

File "<ipython-input-2-9dc4de763b04>", line 1
Returns 1 if n is a lucky number otherwise returns 0
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SyntaxError: invalid syntax

SEARCH STACK OVERFLOW