EXPERIMENT NO -1 (C)

C] Write a program to generate the Fibonacci series.

```
CODE:
🕞 EXPERIMENT NO.1(C).py - E:/PRACTICAL/PYTHON PRACTICAL/SYBSCIT_NISHAGUPTA/EXPERI... —
                                                                                  ×
File Edit Format Run Options Window Help
# program to display the fibonacci sequence up n-th terms wheren is provided
# change this value for a different result
nterms = 10
 # uncomment to take input from the user
# nterms = int(input("how many terms?"))
# first two terms
n1 = 0
n2 = 1
count = 2
# 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(nl)
    print("fibonacci sequence upto",nterms,":")
    print(nl," ",n2,end=' ')
    while count < nterms:
        nth = n1 + n2
        print(nth,end='
        #update values
        n1 = n2
        n2 = nth
        count +=1
                                  📩 26°C Rain showers \land 🤤 🖙 ሩ።) ENG
                                                                        10-08-2022
```

OUTPUT:

```
IDLE Shell 3.10.5
 File Edit Shell Debug Options Window Help
     Python 3.10.5 (tags/v3.10.5:f377153, Jun 6 2022, 16:14:13) [MSC v.1929 64 bit (
     AMD64)] on win32
    Type "help", "copyright", "credits" or "license()" for more information.
     = RESTART: E:/PRACTICAL/PYTHON PRACTICAL/SYBSCIT_NISHAGUPTA/EXPERIMENT NO.1/EXPE
     RIMENT NO.1(C)/EXPERIMENT NO.1(C).py
    fibonacci sequence upto 10 :
              1 2
                                5 8 13 21 34
                                                       Ħŧ
ere to search
```

CONCLUSION: successful program.