

## Day 11 coding Statement: Write a program to find Fibonacci series up to n

**Description:** Fibonacci series is a special series where nth term is the sum of previous two terms in the series. The series starts with 0 and 1 as the first and second term of the series respectively.

Here you need to get the value for nth term from user and then print Fibonacci series containing n terms.

**Input:** 5

**Output:** 0, 1, 1, 2, 3

**Input:** 8

**Output:** 0, 1, 1, 2, 3, 5, 8, 13

### CODE

```
num = int(input("Enter number: "))
a = 0
b = 1
print("Fibonacci series for ", num, " is:")
print(a, end=" ")
print(b, end=" ")
for i in range(0, num-2):
    c = a + b
    a = b
    b = c
    print(c, end=" ")
```

### OUTPUT:

```
Enter number: 8
Fibonacci series for 8 is:
0 1 1 2 3 5 8 13
Process finished with exit code 0
```