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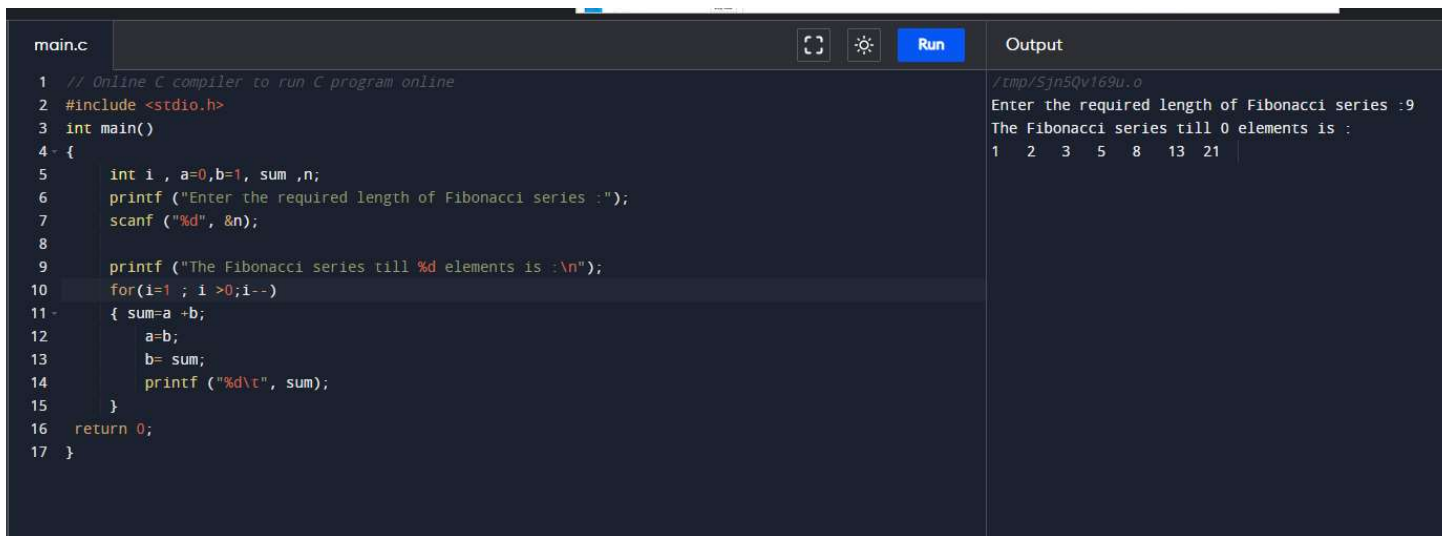
PRN: 22110294

Batch: F1

Experiment No.2

Aim: To Write a C program to print Fibonacci Series upto n numbers.

Code and Output:



The screenshot shows an online C compiler interface. On the left, a code editor displays the following C program in a dark theme:

```
main.c
1 // Online C compiler to run C program online
2 #include <stdio.h>
3 int main()
4 {
5     int i, a=0,b=1, sum ,n;
6     printf ("Enter the required length of Fibonacci series :");
7     scanf ("%d", &n);
8
9     printf ("The Fibonacci series till %d elements is :\n");
10    for(i=1 ; i >0;i--)
11    { sum=a +b;
12      a=b;
13      b= sum;
14      printf ("%d\t", sum);
15    }
16    return 0;
17 }
```

On the right, the 'Output' panel shows the execution results:

```
//tmp/Sjn5Qv169u.o
Enter the required length of Fibonacci series :9
The Fibonacci series till 0 elements is :
1 2 3 5 8 13 21
```

CONCLUSION:

Thus we have successfully written a C program to print the Fibonacci Series using 'for' loop statement and also implementation of relational operators(<=), increment operators(++), assignment operators(=) and arithmetic operator(+) to apply for proper conditions. Also the built-in functions 'printf', 'scanf' are used to display output and take input respectively. Thus we have successfully executed the code using an online C compiler.