

chetan\_projects > C\_experiments > exp6 > C 3\_fibo.c > main()

```
1  #include <stdio.h>
2
3  int FIBO(int n) {
4      if (n == 0) return 0;
5      if (n == 1) return 1;
6      return FIBO(n - 1) + FIBO(n - 2);
7  }
8
9  int main() {
10     int num, i;
11     printf("Enter number of terms: ");
12     scanf("%d", &num);
13     printf("Fibonacci Series: ");
14     for (i = 0; i < num; i++) {
15         printf("%d ", FIBO(i));
16     }
17     printf("\n");
18     return 0;
19 }
```

PROBLEMS   OUTPUT   DEBUG CONSOLE   TERMINAL   PORTS

```
PS D:\chetan_projects> & 'c:\Users\DELL\.vscode\extensions\ms-vsco
-In-4r4yjefd.wme' '--stdout=Microsoft-MIEngine-Out-53110mrf.a3t' '-
=C:\msys64\ucrt64\bin\gdb.exe' '--interpreter=mi'
Enter number of terms: 5
Fibonacci Series: 0 1 1 2 3
PS D:\chetan_projects> |
```