

Write a C program to find Fibonacci series without using Recursion

```
#include <stdio.h>
```

```
int main()
```

```
{
```

```
    int i, n, firstTerm=0, secondTerm=1, sum=0;
```

```
    printf("\nEnter number of terms required in Fibonacci Series: ");
```

```
    scanf("%d",&n);
```

```
    // Showing the first two term of the Fibonacci Series
```

```
    printf("\nFibonacci Series is:\n\n\n %d %d ", firstTerm, secondTerm);
```

```
    //start i =2
```

```
    i=2;
```

```
    //i starts from 2, as the first two terms of the series have already been shown
```

```
    while (i<n)
```

```
    {
```

```
        sum=firstTerm+secondTerm;
```

```
        firstTerm=secondTerm;
```

```
        secondTerm=sum;
```

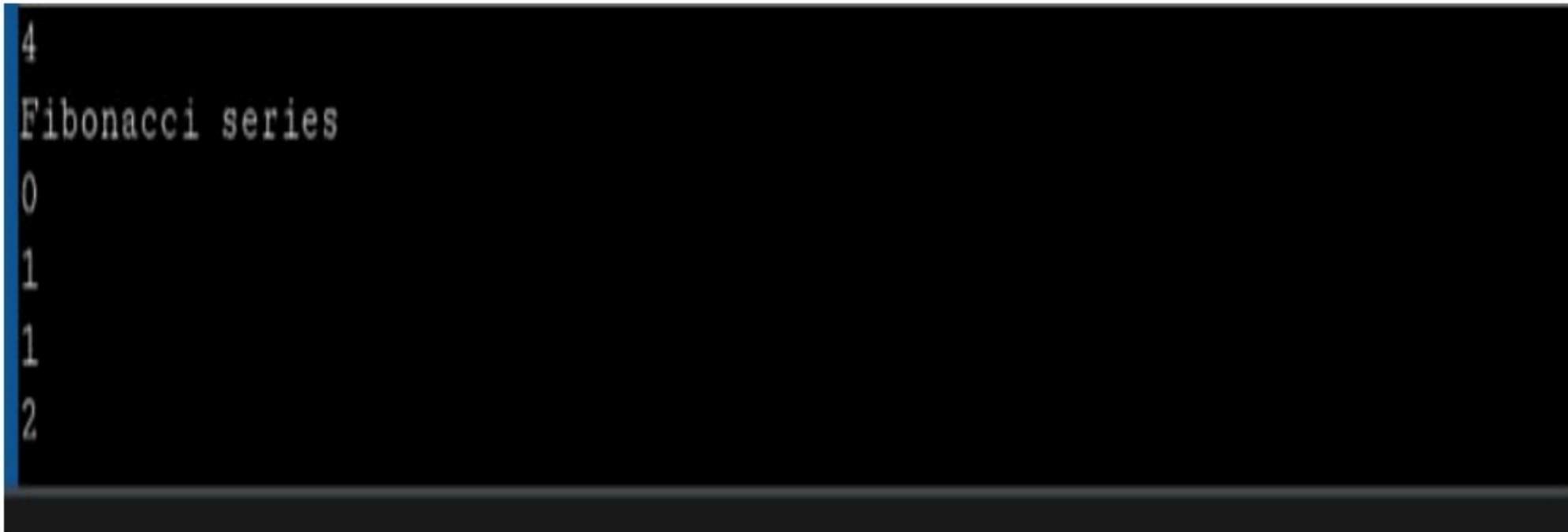
```
        ++i;
```

```
        printf("%d ",sum);
```

```
    }
```

```
    return 0;
```

```
}
```



```
4
Fibonacci series
0
1
1
2
```