

lab 3

date:24/09/2025

// 34. PROGRAM TO PRINT FIBONACCI SERIES.(0,1,1,2,3...)

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

```
int main()
```

```
{
```

```
    int n1=0,n2=1,new,a;
```

```
    printf("enter no. of terms");
```

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

```
    printf("%d\t%d\t",n1,n2);
```

```
    while (n1<a)
```

```
    {
```

```
        new=n1+n2;
```

```
        n1=n2;
```

```
        n2=new;
```

```
        printf("%d\t",n2);
```

```
    }
```

```
    return 0;
```

```
}
```

C 32_max1_max2.c

C 33_max_min.c

C 34_FIBONACCI.c X

C 2

▶

⚙

□

⋮

C 34_FIBONACCI.c > main()

1

// 34. PROGRAM TO PRINT FIBONACCI SERIES.(0,1,1,2,3...)

2

#include<stdio.h>

3

4

int main()

5

{

6

int n1=0,n2=1,new,a;

7

printf("enter no. of terms");

8

scanf("%d",&a);

9

printf("%d\t%d\t",n1,n2);

10

while (n1<a)

11

{

12

new=n1+n2;

13

n1=n2;

14

n2=new;

15

printf("%d\t",n2);

16

}

17

return 0;

18

}

19

TERMINAL

PS C:\Users\Sumit\Desktop\vscode\c1g> cd "c:\Users\Sumit\Desktop\vscode\c1g\" ; if (\$?) {

gcc 34_FIBONACCI.c -o 34_FIBONACCI } ; if (\$?) { .\34_FIBONACCI }

enter no. of terms15

0 1 1 2 3 5 8 13 21 34

PS C:\Users\Sumit\Desktop\vscode\c1g>