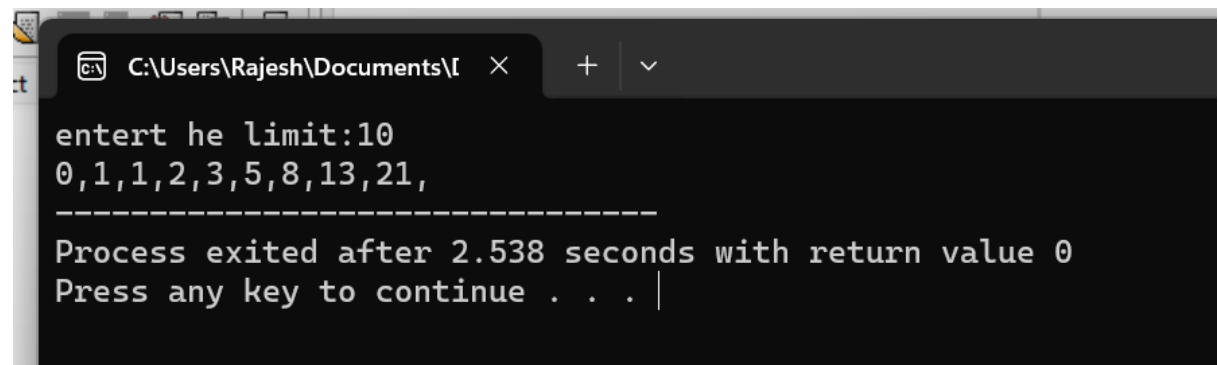


1) Fibonacci series:

```
#include<stdio.h>

int main()
{
    int t1=0,t2=1,t3;
    int n,i;
    printf("enter the limit:");
    scanf("%d",&n);
    printf("%d,%d",t1,t2);
    t3=t1+t2;
    for(i=3;i<n;i++)
    {
        printf("%d,",t3);
        t1=t2;
        t2=t3;
        t3=t1+t2;
    }
}
```

**Output:**



The screenshot shows a Windows command prompt window with a dark background. The title bar at the top indicates the file path 'C:\Users\Rajesh\Documents\I'. The command prompt displays the following text: 'enter the limit:10', followed by the Fibonacci sequence '0,1,1,2,3,5,8,13,21,' on the next line. A horizontal dashed line separates the output from the status message. Below the line, it says 'Process exited after 2.538 seconds with return value 0' and 'Press any key to continue . . . |'.

```
C:\Users\Rajesh\Documents\I >
enter the limit:10
0,1,1,2,3,5,8,13,21,
-----
Process exited after 2.538 seconds with return value 0
Press any key to continue . . . |
```