

```
//FIBONACCI USING RECURSION

#include<stdio.h>

int main()
{
    int n1=0,n2=1,n3,i,number;

    printf("Enter the number of elements:");

    scanf("%d",&number);

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

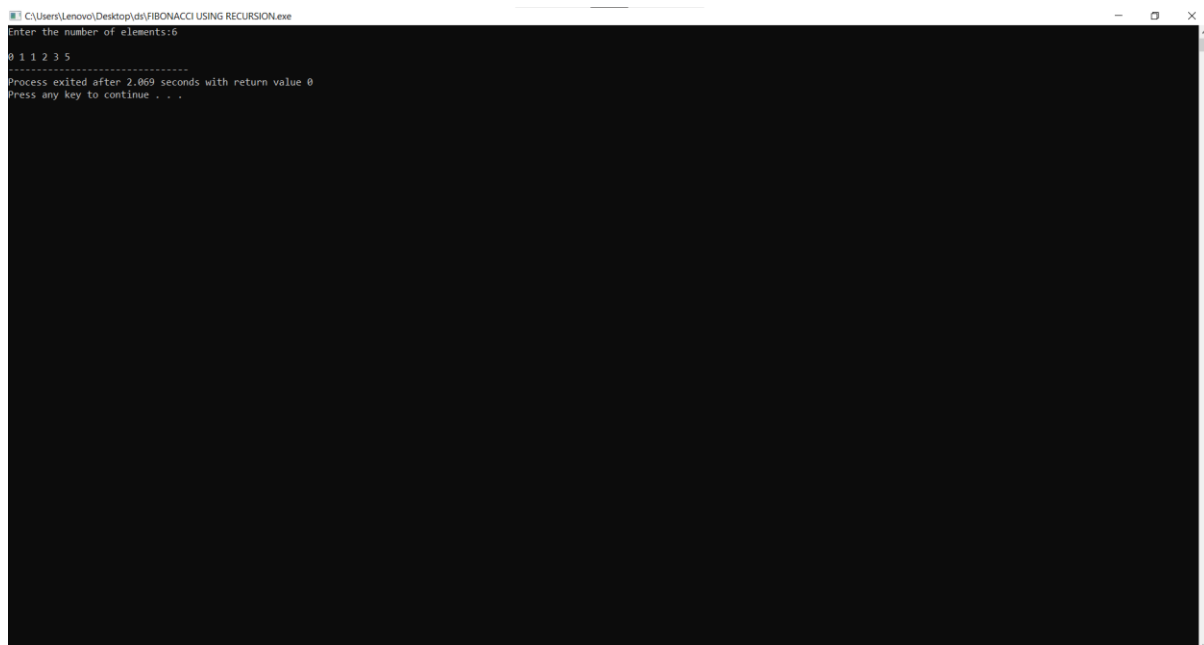
    for(i=2;i<number;++i)
    {
        n3=n1+n2;

        printf(" %d",n3);

        n1=n2;

        n2=n3;
    }

    return 0;
}
```



The screenshot shows a Windows command prompt window titled "C:\Users\Lenovo\Desktop\FIBONACCI USING RECURSION.exe". The prompt displays the following text:

```
Enter the number of elements:6
0 1 1 2 3 5
-----
Process exited after 2.069 seconds with return value 0
Press any key to continue . . .
```

The output shows the Fibonacci sequence for 6 elements: 0, 1, 1, 2, 3, 5. The program exited successfully after 2.069 seconds.