

/\* 4. Write a C program to find Fibonacci series without using Recursion\*/

```
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);

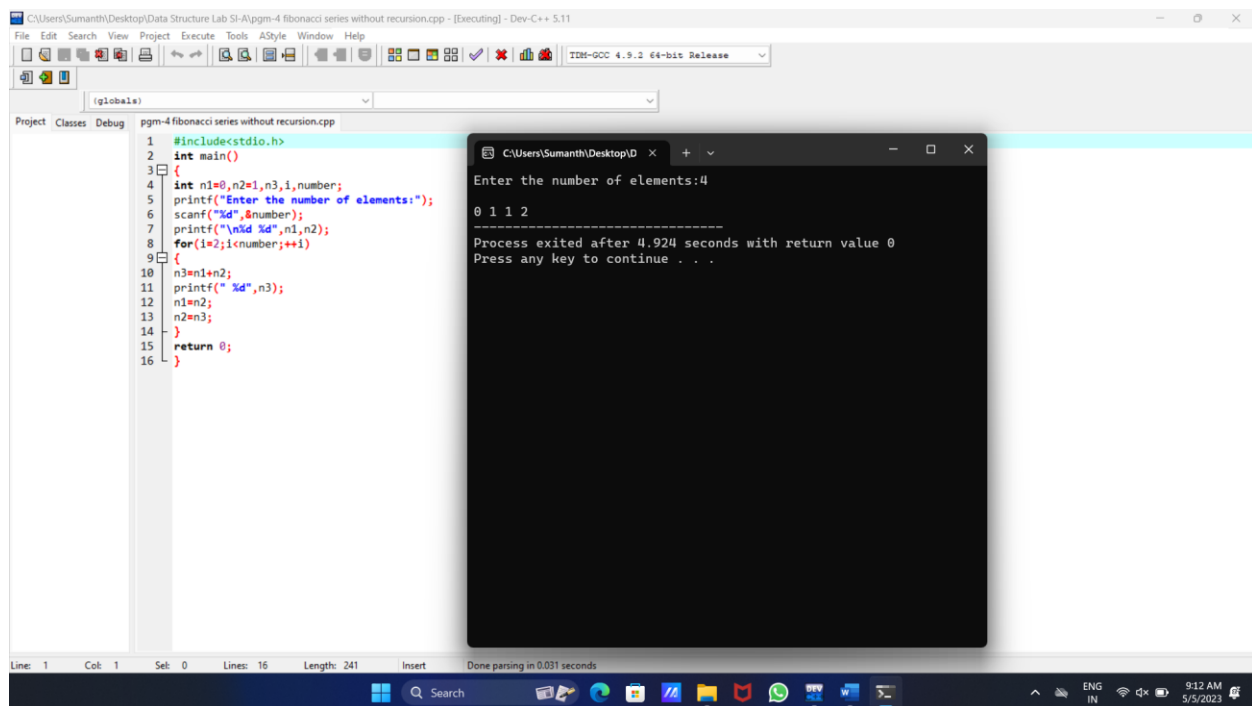
    for(i=2;i<number;++i)
    {
        n3=n1+n2;

        printf(" %d",n3);

        n1=n2;

        n2=n3;
    }

    return 0;
}
```



The screenshot shows a C++ IDE window titled "pgm-4 fibonacci series without recursion.cpp - [Executing] - Dev-C++ 5.11". The code editor displays the following C++ code:

```
1 #include<stdio.h>
2 int main()
3 {
4     int n1=0,n2=1,n3,i,number;
5     printf("Enter the number of elements:");
6     scanf("%d",&number);
7     printf("\n%d %d",n1,n2);
8     for(i=2;i<number;++i)
9     {
10        n3=n1+n2;
11        printf(" %d",n3);
12        n1=n2;
13        n2=n3;
14    }
15    return 0;
16 }
```

The output window shows the execution results:

```
Enter the number of elements:4
0 1 1 2
-----
Process exited after 4.924 seconds with return value 0
Press any key to continue . . .
```

The status bar at the bottom indicates "Line: 1 Col: 1 Set: 0 Lines: 16 Length: 241 Insert Done parsing in 0.031 seconds". The Windows taskbar at the bottom shows the time as 9:12 AM on 5/5/2023.