

/ 4. Write a C program to find Fibonacci series without 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;
```

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

Enter the number of elements:10
0 1 1 2 3 5 8 13 21 34
.....
Process exited after 5.491 seconds with return value 0
Press any key to continue . . .