

```
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);//printing 0 and 1
8.     for(i=2;i<number;++i)//loop starts from 2 because 0 and 1 are already printed
9.     {
10.         n3=n1+n2;
11.         printf(" %d",n3);
12.         n1=n2;
13.         n2=n3;
14.     }
15.     return 0;
16. }
```

**Output:**

Enter the number of elements:150 1 1 2 3 5 8 13 21 34 55 89 144 233 377