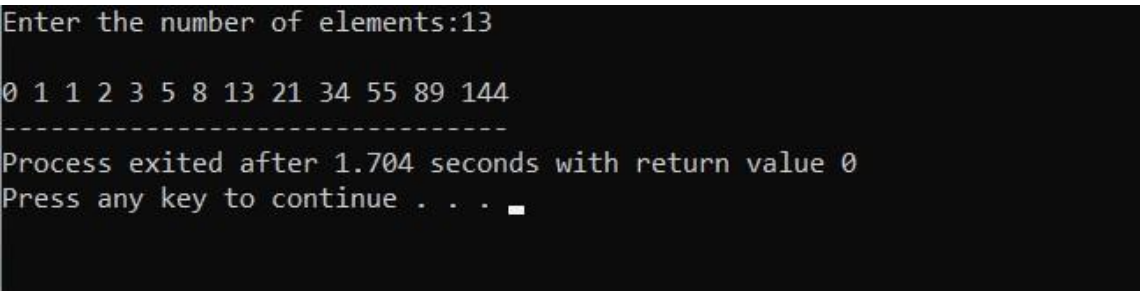# 4.FIBONACCI   USING RECURSION:-

Code:-

```c
#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;
}return 0;
}
```

OUTPUT:-

```
Enter the number of elements:13

0 1 1 2 3 5 8 13 21 34 55 89 144
------------------------------
Process exited after 1.704 seconds with return value 0
Press any key to continue . . .
```