6.fibonacci with recursion :-

```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;
}
```
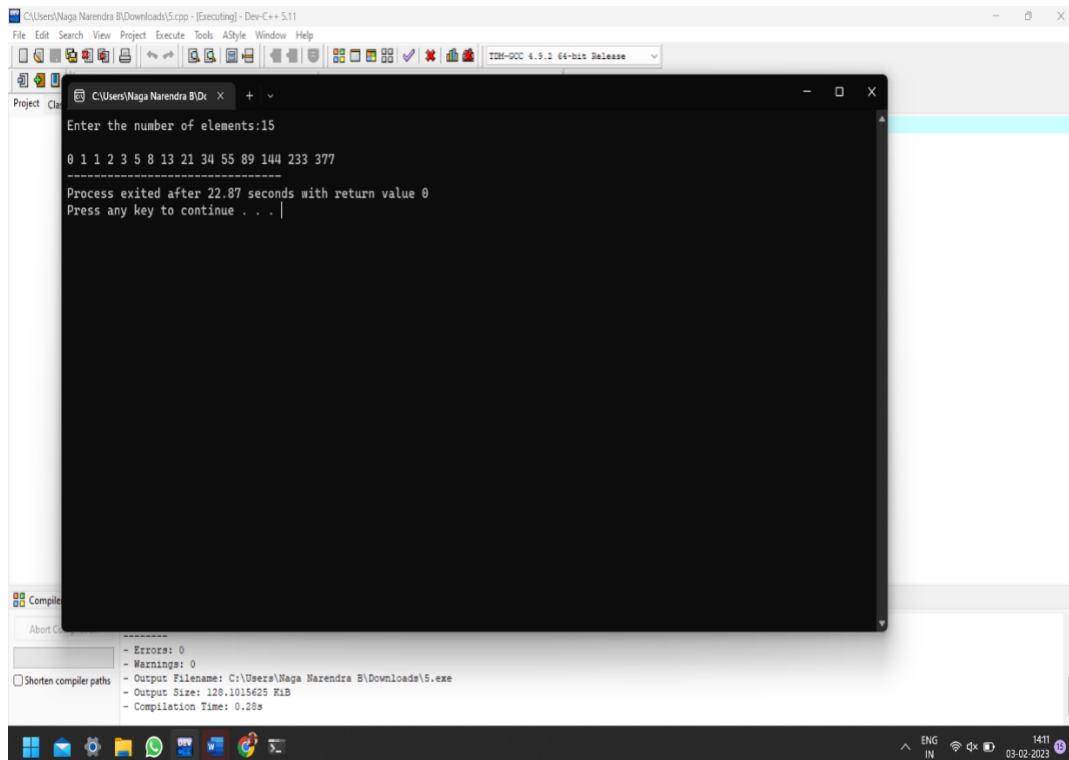
output :-