#include<stdio.h>

int main()

{

int i,n,n1=0,n2=1,n3;

printf("enter the number of elements:");

scanf("%d",&n);

printf("%d %d",n1,n2);

for(i=2;i<n;i++)

{

n3=n1+n2;

printf(" %d ",n3);

n1=n2;

n2=n3;

}

return 0;

}

**OUTPUT:**

**enter the number of elements:6**

**0 1 1 2 3 5**

**--------------------------------**

**Process exited after 1.783 seconds with return value 0**

**Press any key to continue . . .**