Fabnoci

#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);//printing 0 and 1

for(i=2;i<number;++i)//loop starts from 2 because 0 and 1 are already printed

{

n3=n1+n2;

printf(" %d",n3);

n1=n2;

n2=n3;

}

return 0;

}

Output

Enter the number of elements:7

0 1 1 2 3 5 8