```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;
}
```