

Заполнить массив числами фибоначчи 1,1,2,3,5,8,13,21,34,55,...

```
def printmas(m):  
    i=0  
    while i<len(m):  
        print(m[i],end=" ")  
        i+=1  
    print()
```

```
def oddmas(m):  
    m[0]=1  
    m[1]=1  
    i=2  
    while i<len(m):  
        m[i]=m[i-1]+m[i-2]  
        i+=1
```

```
x=[3,312,56,456,75,8,0,96,9,-1]  
printmas(x)  
oddmas(x)  
printmas(x)
```

```
def printmas(m):  
    i=0  
    while i<len(m):  
        print(m[i],end=" ")  
        i+=1  
    print()  
def evenmas(m):  
    i=0  
    help1=1  
    help2=1  
    m[0]=help1  
    m[1]=help2  
    while i<len(m):  
        m[i]=help1+help2 #help1=5 help2=8 m[i]=13  
        help1=help2#8  
        help2=m[i]#13  
        i+=1  
x=[3,312,56,456,75,8,0,96,9,-1]  
printmas(x)  
evenmas(x)  
printmas(x)
```



```
def printmas(m):  
    i=0  
    while i<len(m):  
        print(m[i],end=" ")  
        i+=1  
    print()  
def evenmas(m):  
    i=0  
    while i<len(m):  
        m[i]=int((((1 + 5**0.5) /  
2)** (i+1) - ((1 - 5**0.5) /  
2)** (i+1)) // 5 ** 0.5)  
        i+=1  
x=[3,312,56,456,75,8,0,96,9,  
-1]  
printmas(x)  
evenmas(x)  
printmas(x)
```