

Заполнить массив 1,3,7,15,31

```
a=[31,-7,9,0,-2,1,32,9,8,22,6,4]
n=1
c=2
a[0]=1
while n<len(a):
    a[n]=a[n-1]+c
    c*=2
    n+=1
print(a)
```

```
a=[31,-7,9,0,-2,1,32,9,8,22
,6,4]
n=0
c=2
while n<len(a):
    a[n]=c-1
    c*=2
    n+=1
print(a)
```

```
a=[31,-7,9,0,-2,1,32,9,8,22,6,4]
n=0
c=1
while n<len(a):
    a[n]=c
    c=c+2**(n+1)
    n+=1
print(a)
```

```
a=[31,-7,9,0,-2,1,32,9,8,22,6,4]
n=0
while n<len(a):
    a[n]=2**(n+1)-1
    n+=1
print(a)
```

версия с a[n-1] без c и без **

```
a=[31,-7,9,0,-2,1,32,9,8,22,6,4]
n=1
a[0]=1
while n<len(a):
    a[n]=(a[n-1]+1)*2-1
    n+=1
print(a)
```

