

Заполнить массив степенями 2-ки
2,4,8,16,32,...



```
n = [1, 45, 234, 2, 7, 212, 99, 2304, 73, 12, 20]
i = 0
a = 2
while i < len(n):
    n[i] = a
    a = a * 2
    i += 1
print(n)
```

$n[i]$
 $n[i-1]$
 $8*2=16$

решить без переменной a

```
n = [3, 45, 234, 2, 7, 212, 99, 2304, 73, 12, 20]
n[0] = 2
i = 1
while i < len(n):
    n[i] = n[i-1] * 2
    i += 1
print(n)
```

```
n = [3, 45, 234, 2, 7, 212, 99, 2304, 73, 12, 20]
i = 0
while i < len(n):
    n[i] = 2**(i+1)
    i += 1
print(n)
```