

Заполнить массив 1,3,7,15,31



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

```
n = [11, 45, 234, 2, 7, 212, 99, 2304, 73, 12, 20]
n[0] = 1
i = 1
while i < len(n):
    n[i] = (n[i-1] + 1) * 2 - 1
    i += 1
print(n)
```

```
n = [11, 45, 234, 2, 7, 212, 99, 2304, 73, 12, 20]
i = 0
while i < len(n):
    n[i] = 2 ** (i+1) - 1
    i += 1
print(n)
```