

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

```
mas=[]
mas.append(1)
mas.append(1)
for i in range(1,20):
    mas.append(mas[i]+mas[i-1])
print(mas)
```

```
mas=[]
chislo1 = 1
chislo2 = 1
mas.append(chislo1)
mas.append(chislo2)
for i in range(2,20):
    mas.append(chislo1+chislo2)
    chislo1 = chislo2
    chislo2 = mas[i]
print(mas)
```

```
import math
mas=[]
for i in range(0,20):
    mas.append(int((((1+math.sqrt(5))/2)**(i+1))-((1-math.sqrt(5))/2)**(i+1))/math.sqrt(5)))
print(mas)
```

