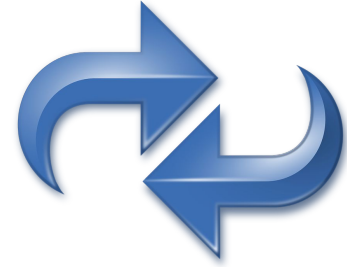


Развернуть произвольный кусок массива наоборот (суперреверс) у ф-ии кроме массива и размера массива будет 2 параметра *start* и *finish* - с какого номера по какой разворачивать



example

-6 5 2 7 9 24 234 34 2 6242 3 0 42 4 2  
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

`superreverse(mass, start, finish)`

`superreverse(mass, 3, 8)`

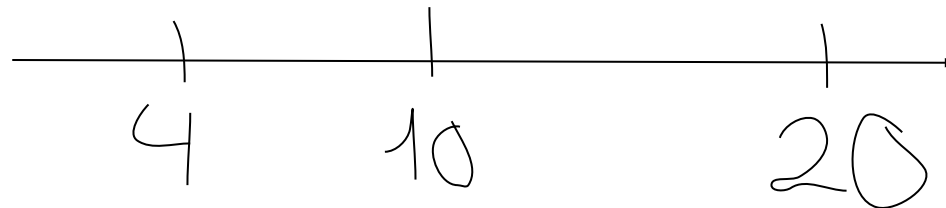
-6 5 2 2 34 234 24 9 7 6242 3 0 42 4 2  
 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14

```
def superreverse(mass, start, finish):
    p=0
    while start<finish:
        p=mass[start]
        mass[start]=mass[finish]
        mass[finish]=p
        start+=1
        finish-=1
```

```
def superreverse(mass, start, finish):
    i=0
    p=0
    while i<=(len(mass)-1)/2:
        p=mass[i]
        mass[i]=mass[len(mass)-1-i]
        mass[len(mass)-1-i]=p
        #print(mass)
        i+=1

mass=[1,4,1,35,7,4,-77,22]
print(mass)
superreverse(mass,1,5)
print(mass)
```

```
def superreverse(mass, start, finish):
    i=start
    p=0
    while i<=(start + finish)/2:
        p=mass[i]
        mass[i]=mass[finish-i+start]
        mass[finish-i+start]=p
        #print(mass)
        i+=1
```



$$\begin{aligned} & \text{start} + (\text{finish}-\text{start})/2 = \\ & = \text{start}/1 + (\text{finish}-\text{start})/2 = \\ & = 2\text{start}/2 + (\text{finish}-\text{start})/2 = \\ & = (2\text{start} + (\text{finish}-\text{start}))/2 = \\ & = (2\text{start} + \text{finish}-\text{start})/2 = \\ & = (\text{start} + \text{finish})/2 \end{aligned}$$

