Найти третий по величине элемент массива

max2=x[i]

max2=max1
max1=x[i]

max2   max1

x[i]

---

max3 = max2
max2 = max1
max1 = x[i]

max3   max2   max1

max3 = x[i]

x[i]

max3 = max2
max2 = x[i]
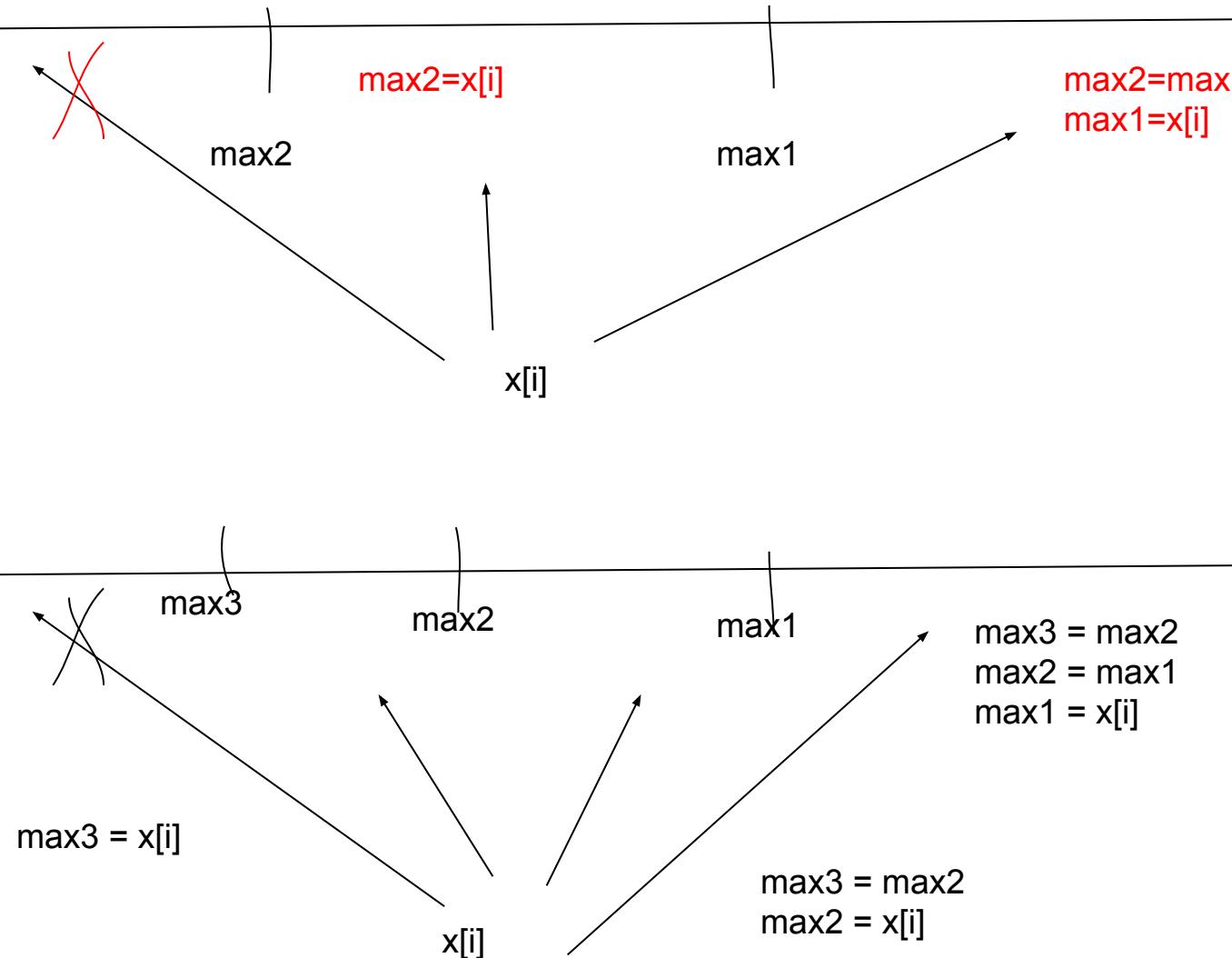
```python
import random
mas = []
for i in range (0, 10):
    mas.append(random.randint(-10, 10))
print(mas)
max1 = mas[0]
max2 = mas[1]
max3 = mas[2]
for k in range(1, 10):
    if mas[k] > max1:
        max3 = max2
        max2 = max1
        max1 = mas[k]
    elif mas[k] <= max1 and mas[k] > max2:
        max3 = max2
        max2 = mas[k]
    elif mas[k] <= max2 and mas[k] > max3:
        max3 = mas[k]

print(max1)
print(max2)
print(max3)
```