

Найти длину наибольшего строго монотонного участка массива (возрастающего или убывающего)

*example*

1 2 5 7 6 6 6 3 2 10 11 12 16 29 29

*red sections - increasing*

*underlined sections - decreasing*

*answer 6 (the longest from all increasing and decreasing)*



```
a=[33,9,8,7,7,6,5,5,4,3,3,2,1,1]
```

```
n=1
```

```
k=1
```

```
t=1
```

```
x=0
```

```
while n<len(a):
```

```
    if a[n]>=a[n-1]:
```

```
        k+=1
```

```
    else:
```

```
        if x<k:
```

```
            x=k
```

```
        k=1
```

```
    if a[n]<=a[n-1]:
```

```
        t+=1
```

```
    else:
```

```
        if y<t:
```

```
            y=t
```

```
        t=1
```

```
    n+=1
```

```
if x<k:
```

```
    x=k
```

```
if y<t:
```

```
    y=t
```

```
if x>y:
```

```
    print(x)
```

```
else:
```

```
    print(y)
```