

Найти медиану случайного списка

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In [1]: import random

numbers = []
numbers_size = random.randint(10, 15)

for _ in range(numbers_size):
    numbers.append(random.randint(10, 20))

print(numbers)
```

[16, 10, 12, 16, 16, 10, 11, 18, 14, 10]

```
In [2]: numbers.sort()

half_size = len(numbers) // 2
median = None

if numbers_size % 2 == 1:
    median = numbers[half_size]
else:
    median = sum(numbers[half_size - 1:half_size + 1]) / 2

print(median)
```

13.0

```
In [3]: import statistics

statistics.median(numbers)
```

Out[3]: 13.0