



Temperatures.java Code Walkthrough



```
int sum = 0;
int numDays = console.nextInt();

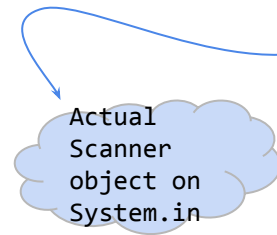
int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	0
numDays	7

Object Land




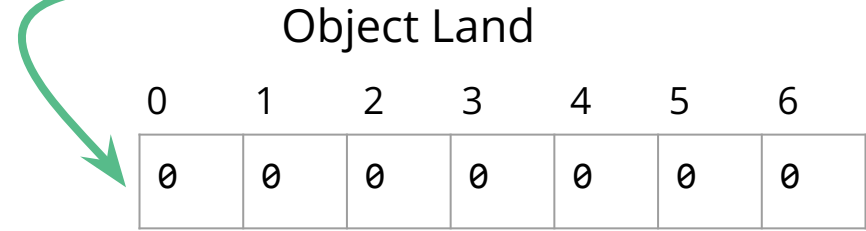
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int sum = 0;
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int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	0
numDays	7
temperatures	



Actual Scanner object on System.in

```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

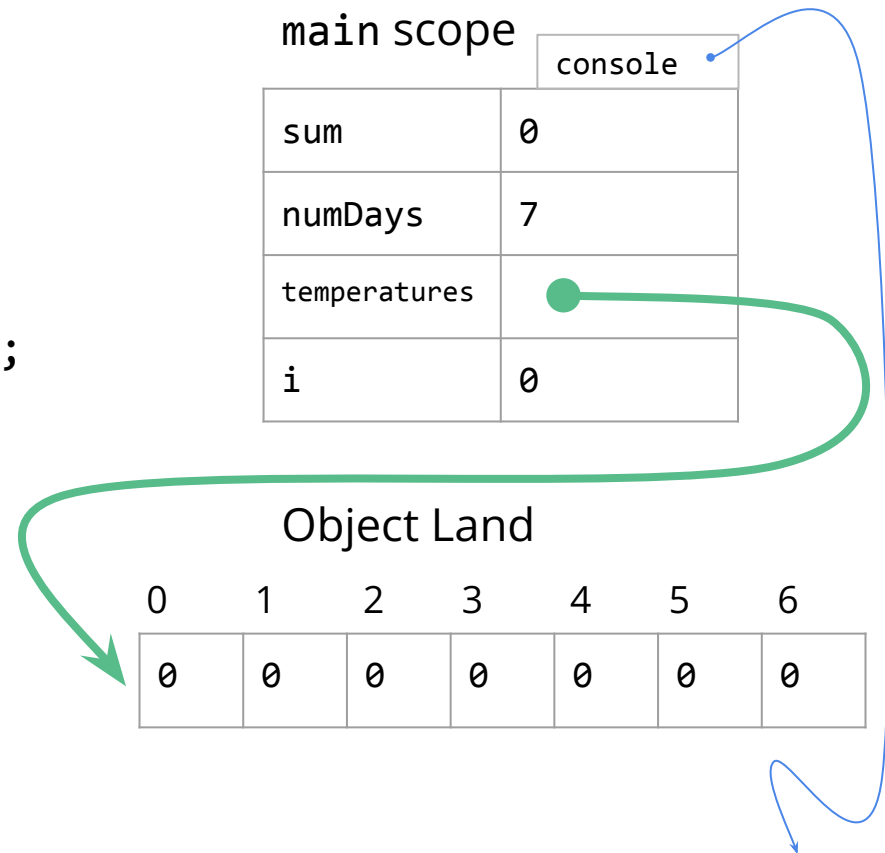
main scope

	console
sum	0
numDays	7
temperatures	●
i	0

Object Land

0	1	2	3	4	5	6
0	0	0	0	0	0	0

Actual Scanner object on System.in




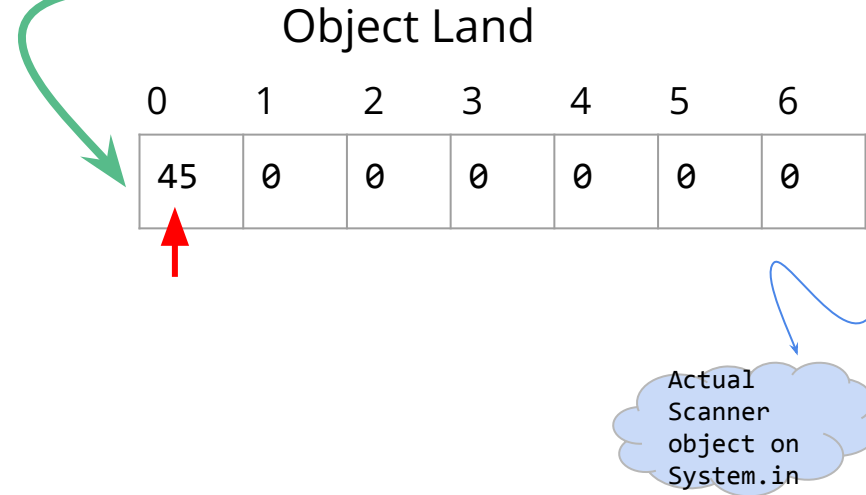
```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	0
numDays	7
temperatures	
i	0




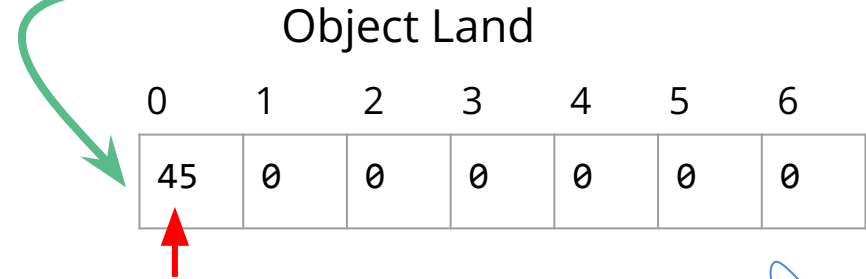
```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	45
numDays	7
temperatures	
i	0




Actual Scanner object on System.in

```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

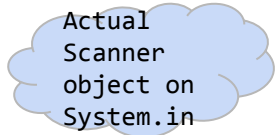
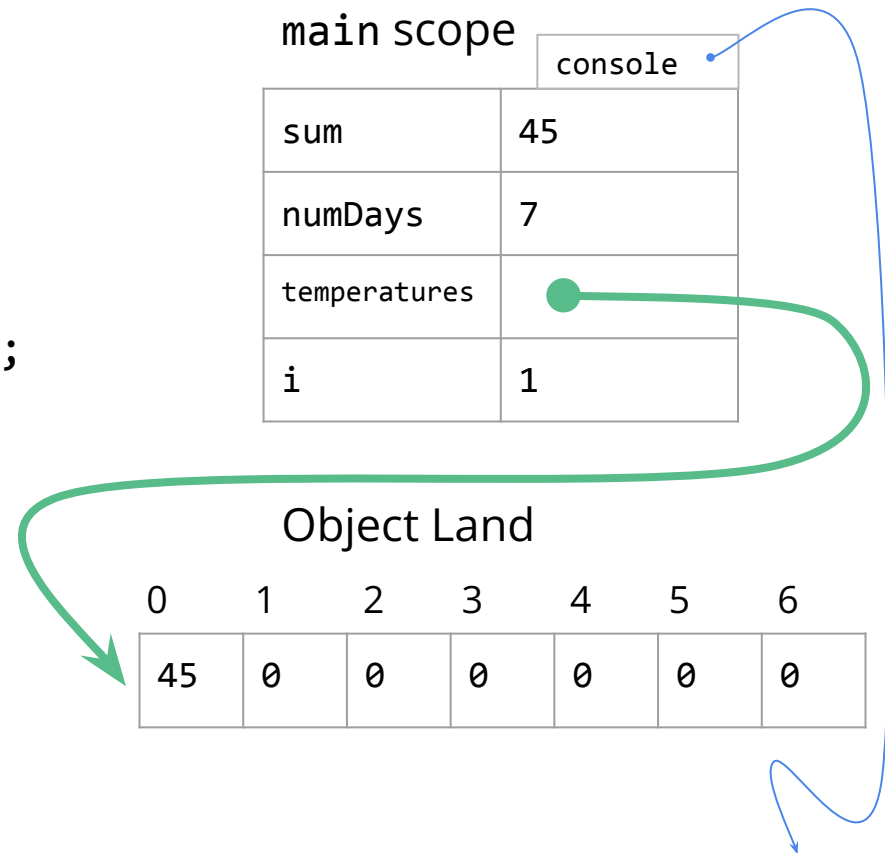
main scope

	console
sum	45
numDays	7
temperatures	
i	1

Object Land

0	1	2	3	4	5	6
45	0	0	0	0	0	0

Actual Scanner object on System.in

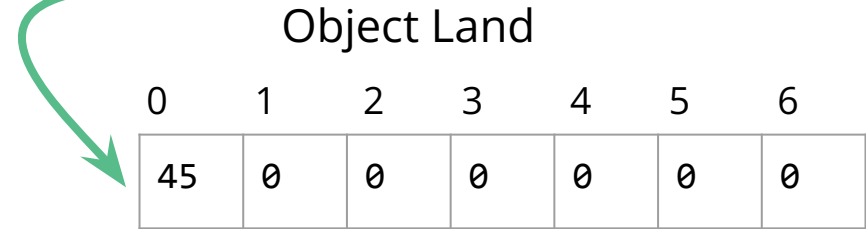
```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	45
numDays	7
temperatures	●
i	1



Actual Scanner object on System.in

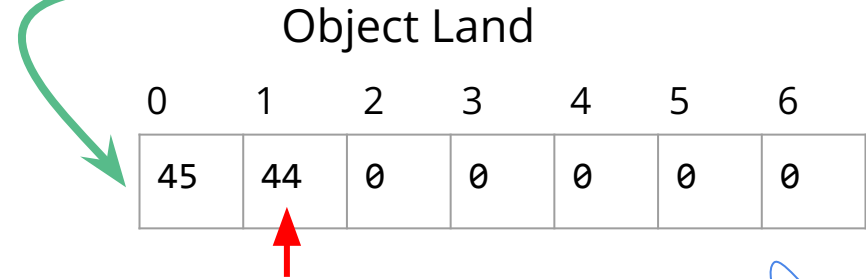

```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	45
numDays	7
temperatures	●
i	1




Actual Scanner object on System.in

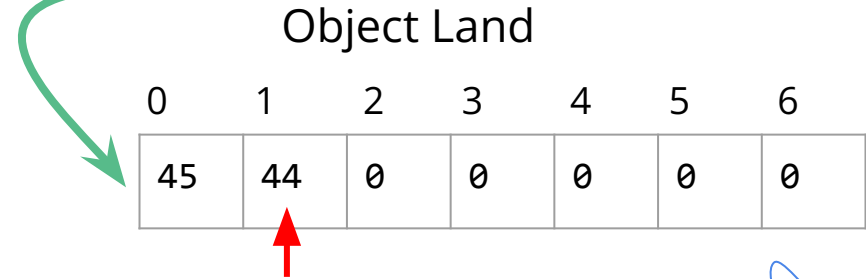
```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	89
numDays	7
temperatures	
i	1



Actual Scanner object on System.in

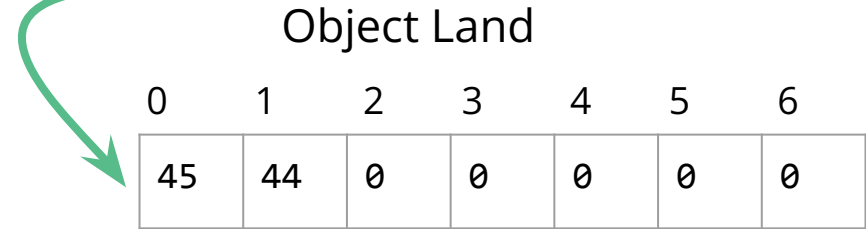
```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	89
numDays	7
temperatures	●
i	2



Actual Scanner object on System.in




**A FEW
MOMENTS LATER**

```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

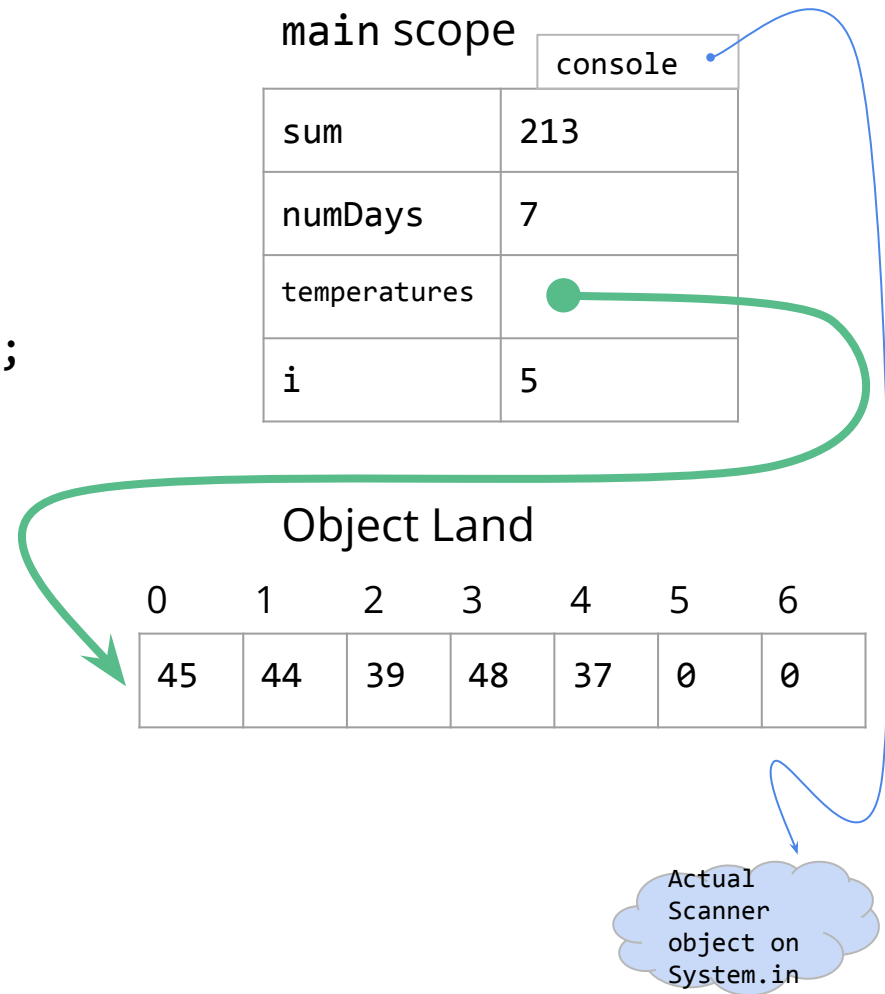
main scope

	console
sum	213
numDays	7
temperatures	
i	5

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	0	0

Actual Scanner object on System.in



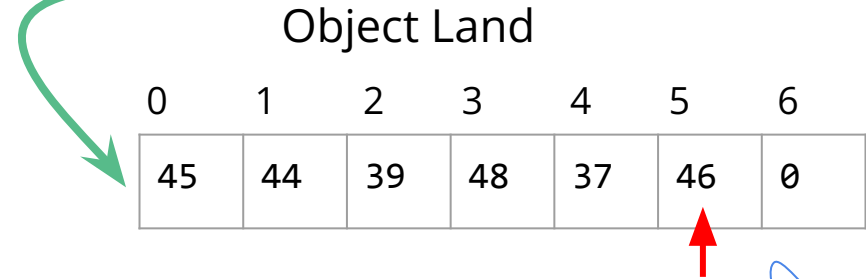
```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	213
numDays	7
temperatures	●
i	5




Actual Scanner object on System.in

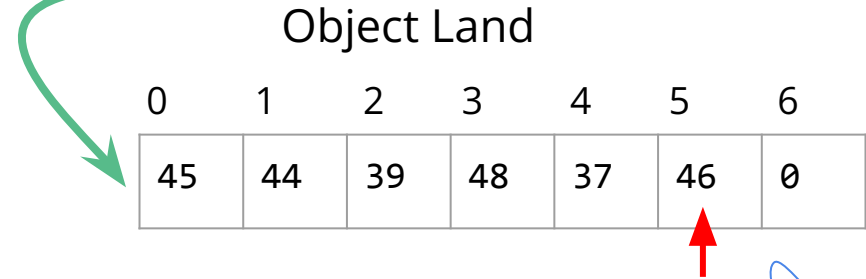
```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	259
numDays	7
temperatures	
i	5




Actual Scanner object on System.in

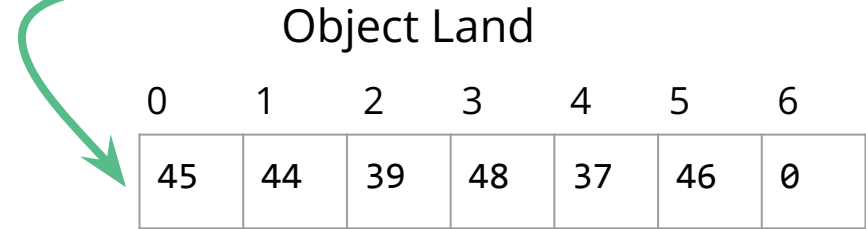
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int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	259
numDays	7
temperatures	
i	6




Actual Scanner object on System.in


```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

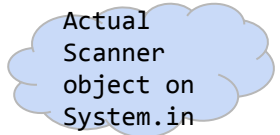
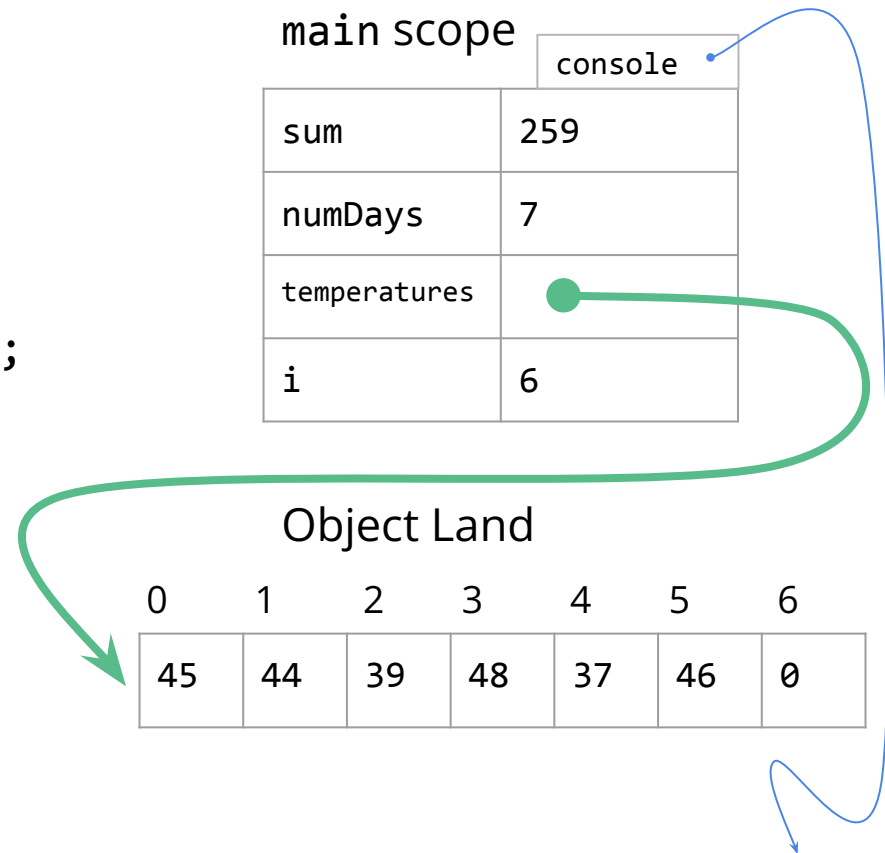
main scope

	console
sum	259
numDays	7
temperatures	
i	6

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	46	0

Actual Scanner object on System.in





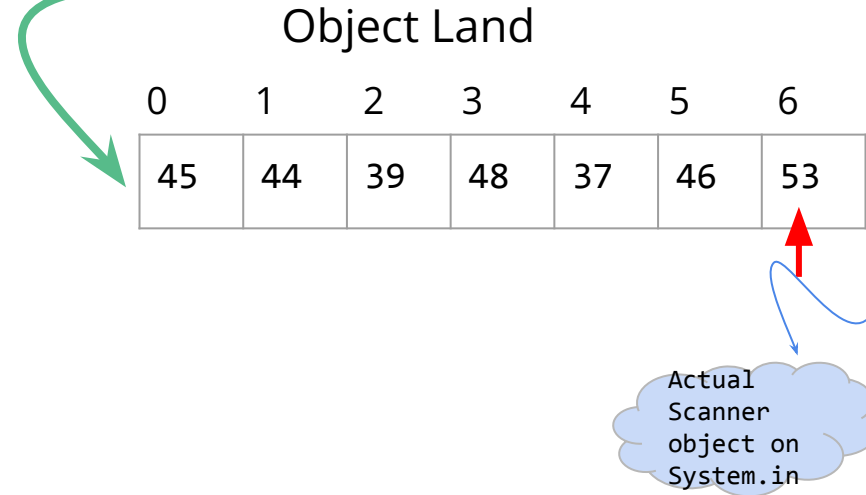
```
int sum = 0;
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int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	259
numDays	7
temperatures	
i	6




```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

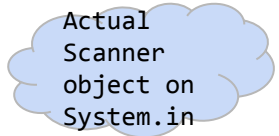
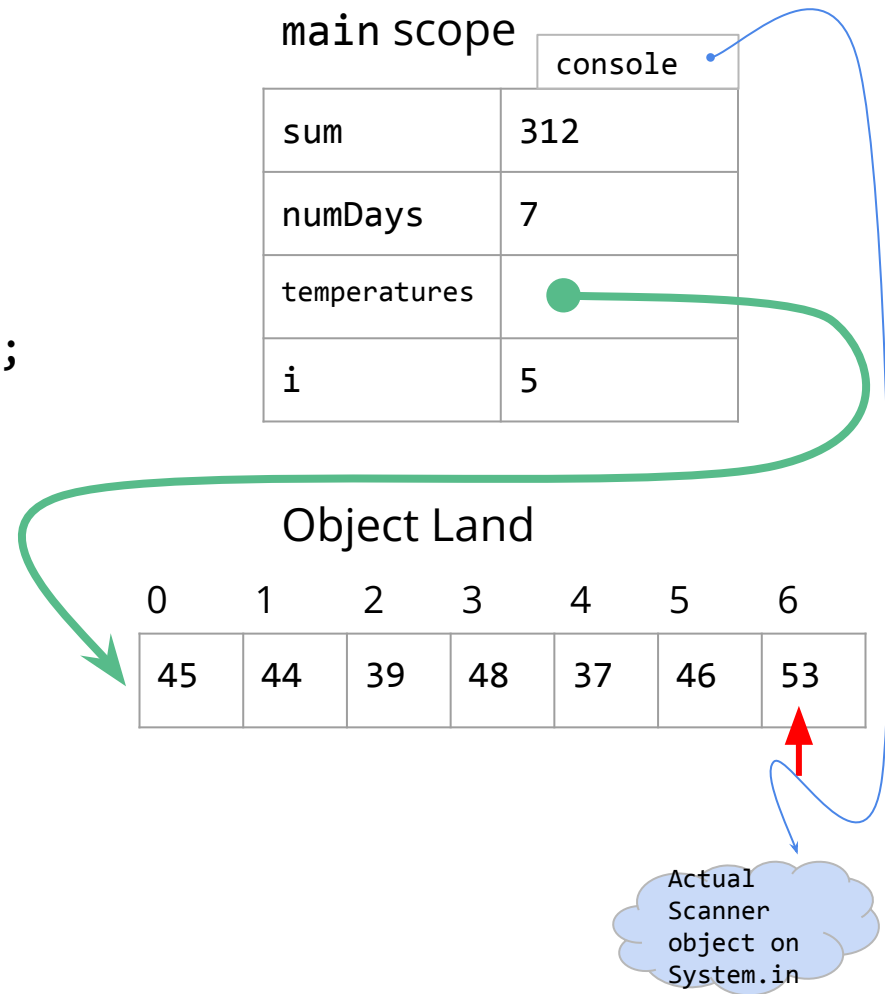
main scope

	console
sum	312
numDays	7
temperatures	
i	5

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	46	53

Actual Scanner object on System.in





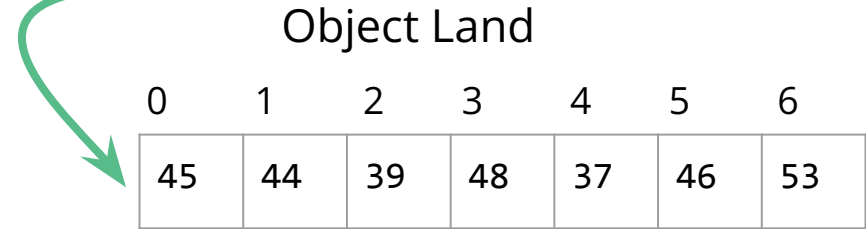
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int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	312
numDays	7
temperatures	
i	7



Actual Scanner object on System.in

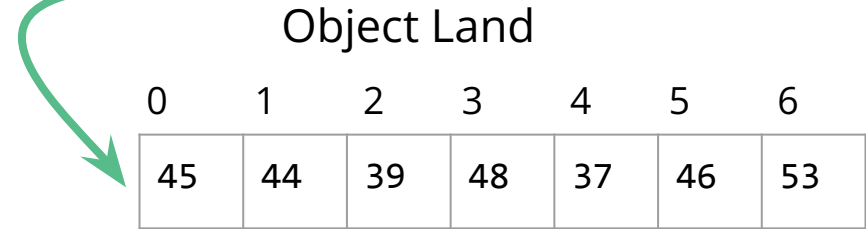
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int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
i	7



Actual Scanner object on System.in

```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}
```

```
double average = 1.0 * sum / numDays;
```

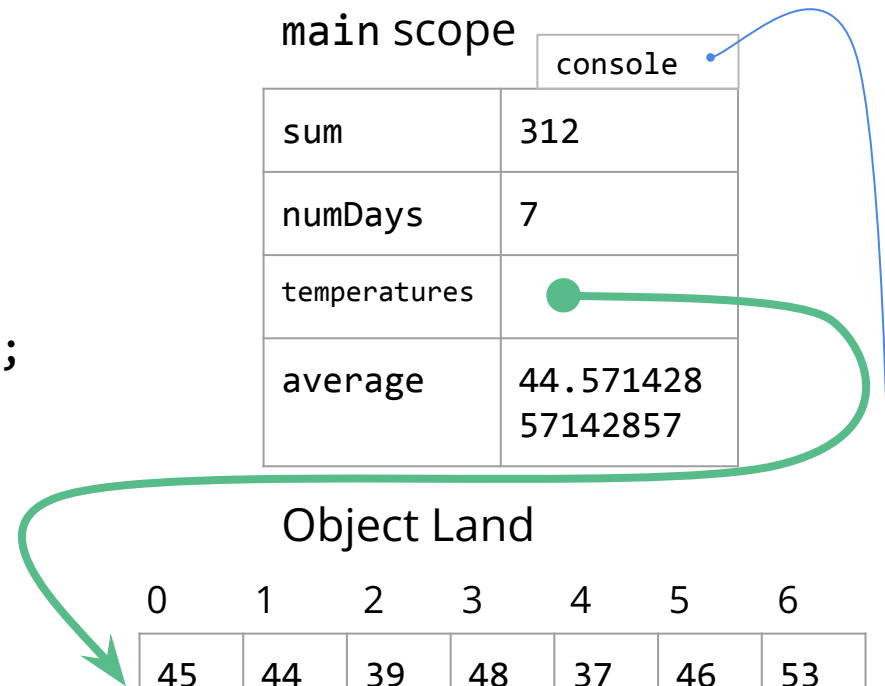
main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	46	53

Actual Scanner object on System.in



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

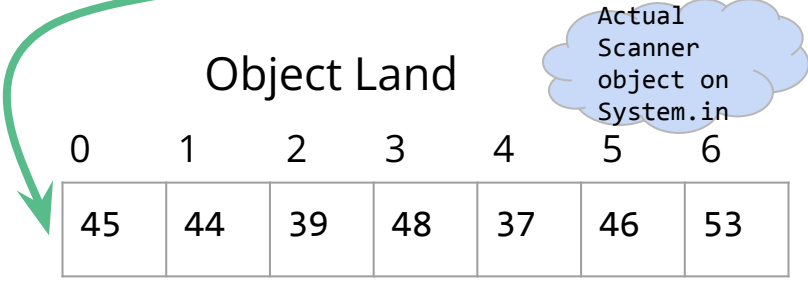
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	0



```
int sum = 0;
int numDays = console.nextInt();


int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

main scope	
sum	312
numDays	7
temperatures	
average	44.571428 57142857
aboveAvg	0
i	0

console

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	46	53

Actual
Scanner
object on
System.in


```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
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int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

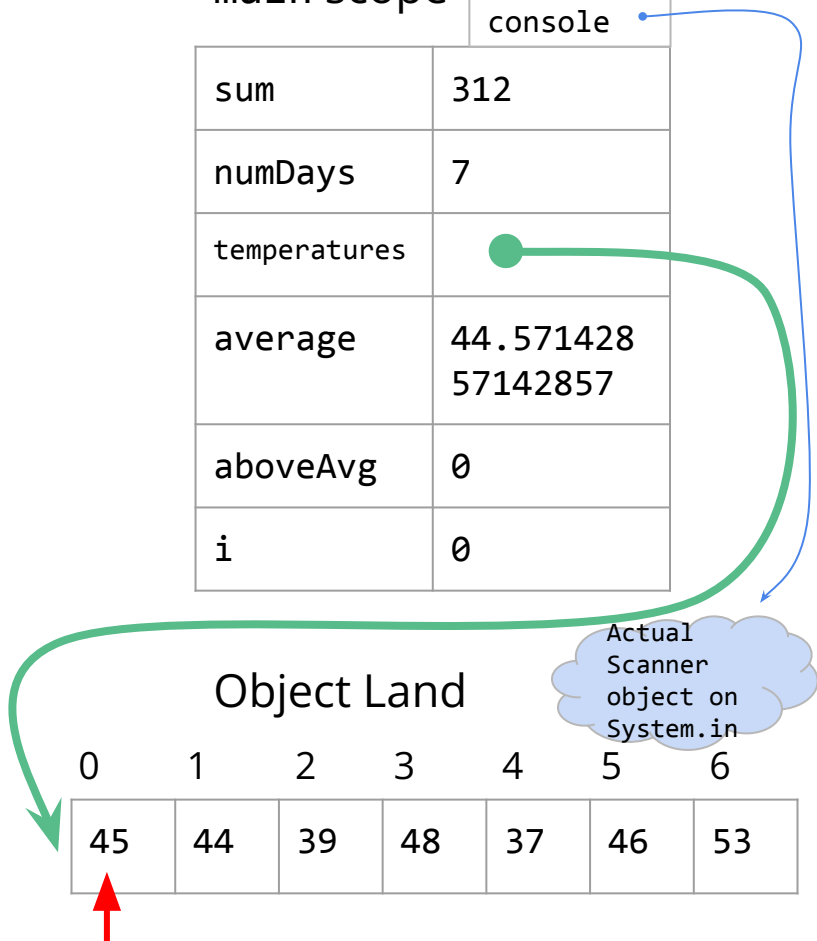
main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	0
i	0

Actual Scanner object on System.in

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	46	53



```
int sum = 0;
int numDays = console.nextInt();


int[] temperatures = new int[numDays];

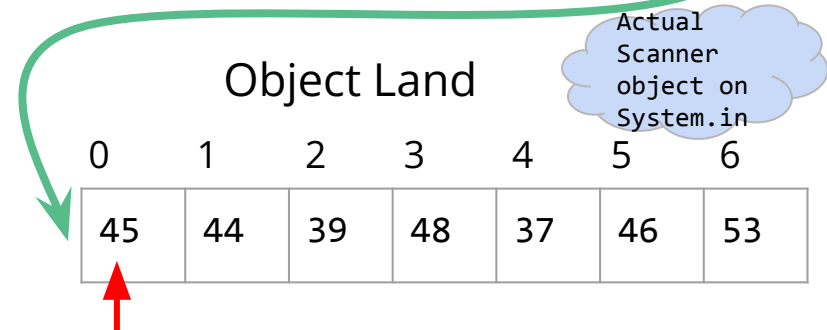
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

sum	312
numDays	7
temperatures	
average	44.571428 57142857
aboveAvg	1
i	0



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

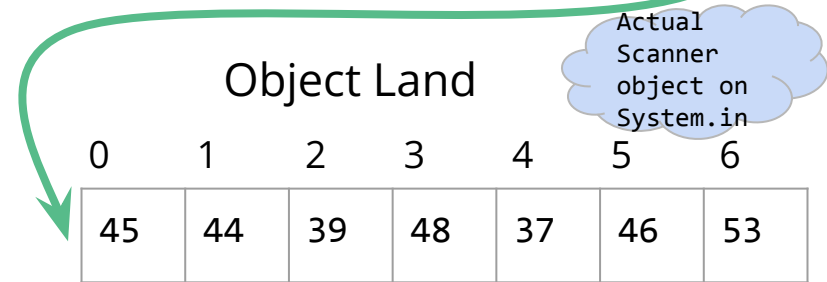
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	1
i	1



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

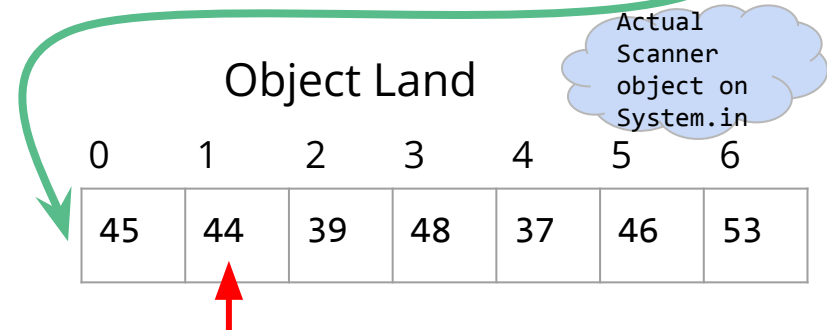
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	1
i	1



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

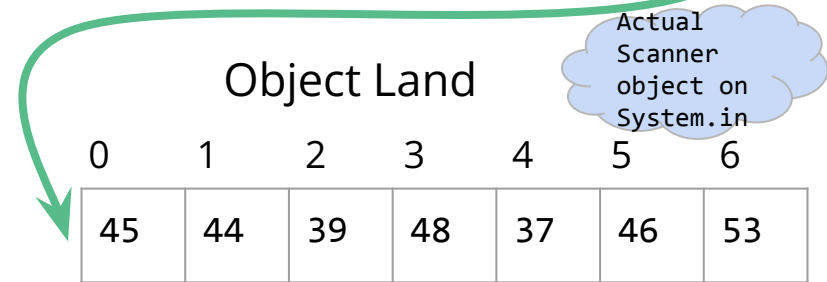
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	1
i	2



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

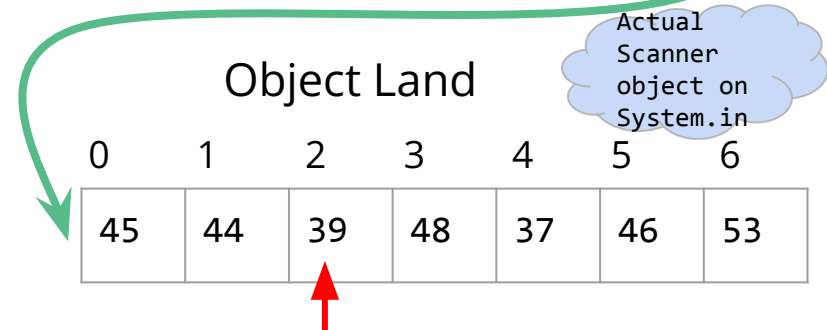
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	1
i	2



```
int sum = 0;
int numDays = console.nextInt();


int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

main scope	
sum	312
numDays	7
temperatures	
average	44.571428 57142857
aboveAvg	1
i	3

console

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	46	53

Actual
Scanner
object on
System.in

```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

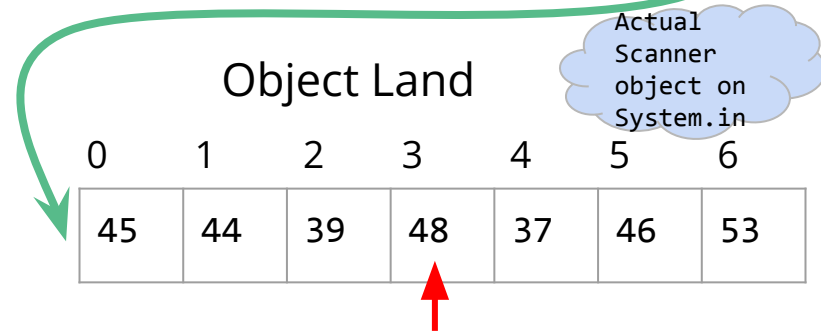
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	1
i	3




```
int sum = 0;
int numDays = console.nextInt();


int[] temperatures = new int[numDays];

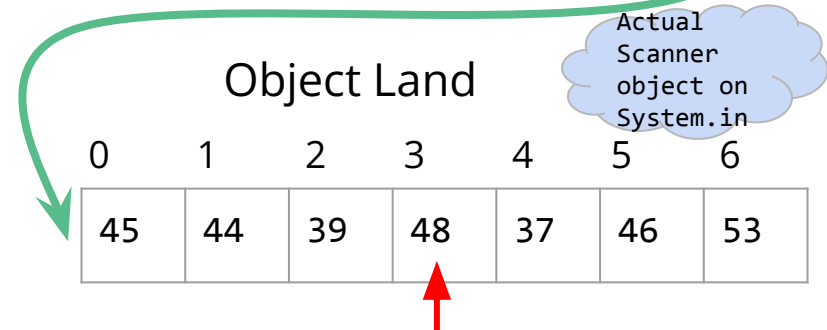
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

sum	312
numDays	7
temperatures	
average	44.571428 57142857
aboveAvg	2
i	3



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

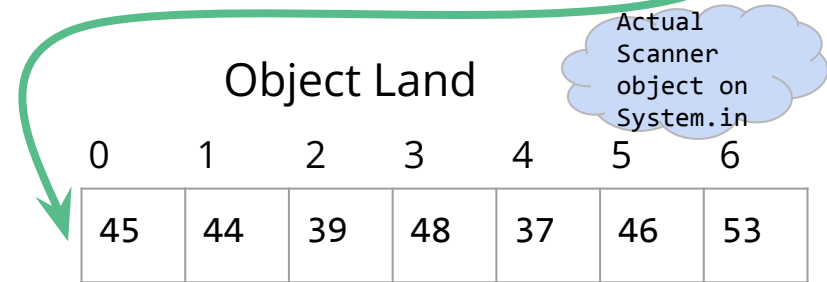
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	2
i	4



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

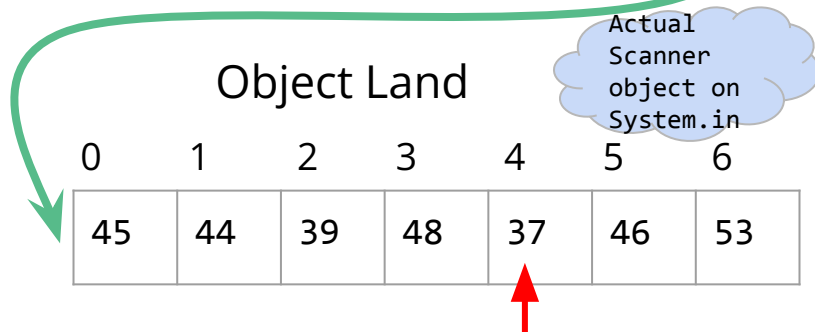
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	2
i	4



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

console	
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	2
i	5

Object Land

0	1	2	3	4	5	6
45	44	39	48	37	46	53

Actual
Scanner
object on
System.in

```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

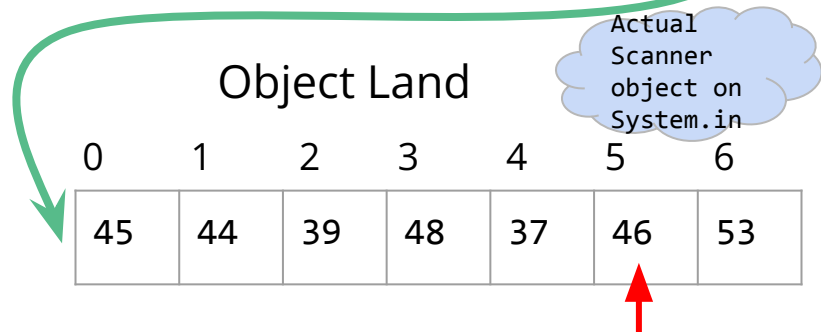
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	2
i	5



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

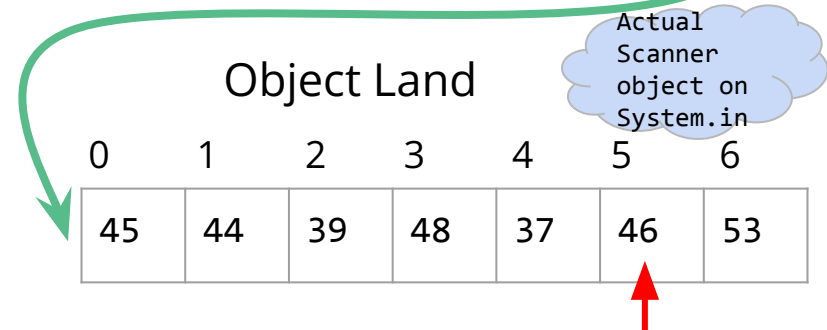
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	3
i	5



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

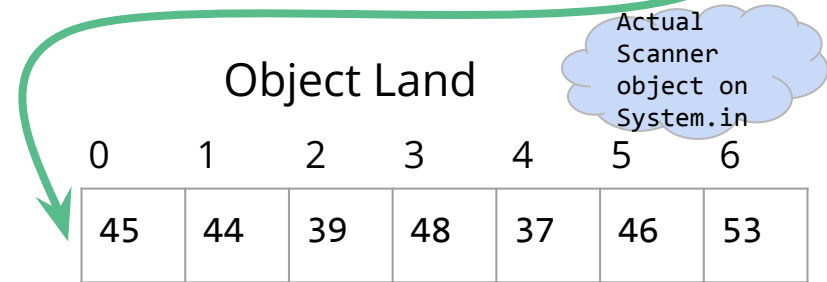
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	3
i	6



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

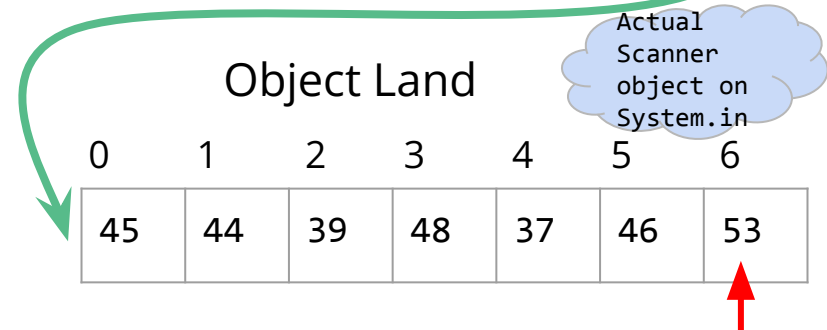
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	3
i	6




```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

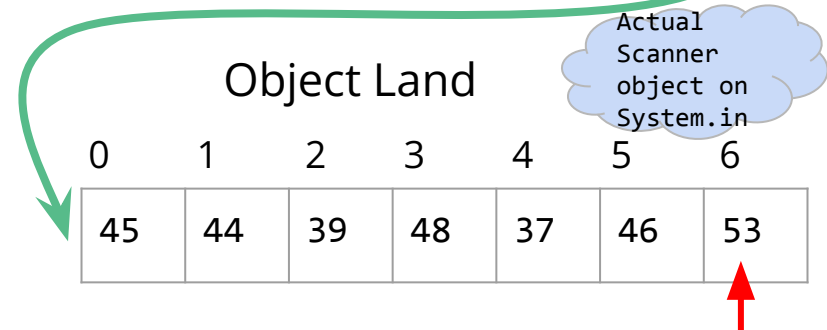
for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	4
i	6



```
int sum = 0;
int numDays = console.nextInt();

int[] temperatures = new int[numDays];

for (int i = 0; i < numDays; i++) {
    temperatures[i] = console.nextInt();
    sum += temperatures[i];
}

double average = 1.0 * sum / numDays;
int aboveAvg = 0;

for (int i = 0; i < numDays; i++) {
    if (temperatures[i] > average) {
        aboveAvg++;
    }
}
```

main scope

	console
sum	312
numDays	7
temperatures	●
average	44.571428 57142857
aboveAvg	4
i	7

