

Java → Basic syntax and simple programs → Control flow statements → [The while and do-while loops](#)

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# The while and do-while loops → The sum of elements

Medium 5 minutes

Find the sum of all elements of a sequence, ending with the number 0.  
The number 0 itself is not included into the sequence and serves as a sign of cessation.

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Sample Input 1:

```
3
6
8
0
```

Sample Output 1:

```
17
```

Write a program

[Code Editor](#) [IDE](#)

Java

```
1 import java.util.Scanner;
2 class Main {
3     public static void main(String[] args) {
4         // put your code here
5         Scanner scanner = new Scanner(System.in);
6
7         int sum = 0;
8         int number;
9         do {
10             number = scanner.nextInt();
11             sum += number;
12         } while (number != 0);
13         System.out.println(sum);
14         scanner.close();
15     }
16 }
17
```

✓ Correct.  
That’s an awesome solution! What do you think about showing it off? [Post it to Solutions](#) so other learners can enjoy it too.

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