

The DO..WHILE Loop

A byte size lesson in Java programming.

What is a DO.. WHILE Loop?

- In Java, the DO..WHILE loop is very similar to the WHILE loop, but in this case the body is executed once before the testExpression is checked.

```
while (testExpression) {  
    // body of loop  
}
```

```
do {  
    // body of loop  
} while (testExpression)
```

Breaking it down

```
do {  
  // body of loop  
} while (testExpression)
```

- First the body is executed
- Then the testExpression inside parenthesis () is evaluated. If it evaluates to true, body of loop is executed again, and testExpression is evaluated again.
- This continues until testExpression is false.

Let's test your understanding!

- What output would the following give?

```
int i = 1;  
  
do {  
    System.out.println(i);  
    i++;  
} while(i < 2)
```

Flowchart comparison

