Mayagc2000@gmail.com

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## **ASSIGNMENT**

## We add any statements immediately below the break or continue in java?

In java, the break and continue statements are used within loops (such as for, while, or dowhile loops) to control the flow of execution. After encountering a break statement, the control exits the innermost loop or switch statement. After encountering a continue statement, the control skips the remaining code in the current iteration and proceeds to the next iteration of the loop.

In java, you cannot add any statements immediately below the break or continue statements within the loop's body. These statements effectively alter the control flow. And any code placed directly below them would be unreachable and will result in a compilation error.

Here's an example in java to illustrate this:

## **Breaks statements:**

```
For (int i=0; i<5; i++)
{

If(i==2)
{

Break; // This will exit the loop when I is 2
}

// This line will result in a compilation error

System.out.println(i); // System.out.println("this won't be executed");
}
```

## **Continue Statements:**

```
For (int i=0; i<5; i++)
{

If(i==2)
{
```

```
continue; // This will exit the loop when I is 2
}  // This line will result in a compilation error
System.out.println(i); // System.out.println("this won't be executed");
}
```

In both cases, if you try to add statements immediately below the break or continue statements, you will get a compilation error because the code following these statements would be unreachable.