

Break vs Continue Explained

You said:



difference b/n break and continue

ChatGPT said:

Your choice will help make ChatGPT better.



Response 1

The key difference between `break` and `continue` in programming is how they control the flow of loops:

1. `break`:

- Terminates the **entire loop**.
- The loop stops executing, and control moves to the statement after the loop.

Example:

java

```
for (int i = 1; i <= 5; i++) {
    if (i == 3) {
        break; // Loop exits when i is 3
    }
    System.out.println(i);
}
```

Output:

```
1
2
```

2. `continue`:

- Skips the **current iteration** and moves to the **next iteration** of the loop.
- The loop itself continues to run but skips any code after the `continue` statement for the current iteration.

Example:

java

```
for (int i = 1; i <= 5; i++) {
    if (i == 3) {
        continue; // Skip when i is 3
    }
    System.out.println(i);
}
```

```
}  
System.out.println(i);  
}
```

Output:

```
1  
2  
4  
5
```

Summary:

- `break` exits the loop completely.
- `continue` skips the current iteration and proceeds with the next one.

I prefer this response



Response 2

I prefer this response

ChatGPT can make mistakes. Check important info.