**While loop & Do-While loop**

**1. while Loop**

1-The **while** loop executes a block of code as long as a specified condition is true. The condition is evaluated before the loop body is executed.

2- **while** loop: The condition is checked before the loop body runs. If the condition is false initially, the loop body won't execute at all.

3- Use **while** when you want to execute the loop only if the condition is true from the start.

**2. do...while Loop**

1-The **do...while** loop is similar to the while loop, but the condition is evaluated \*after\* the loop body is executed. This means the loop body will always execute at least once.

2- **do...while** loop: The condition is checked after the loop body runs. The loop body will always execute at least once, even if the condition is false.

3- Use **do...while** when you want to ensure the loop body runs at least once, regardless of the condition.