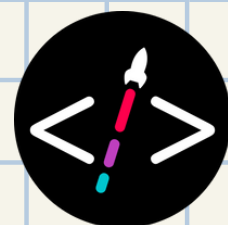
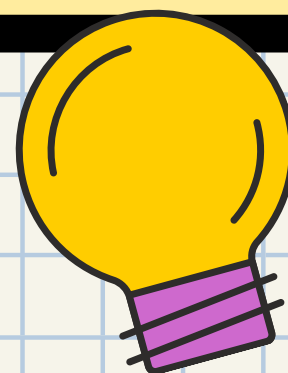
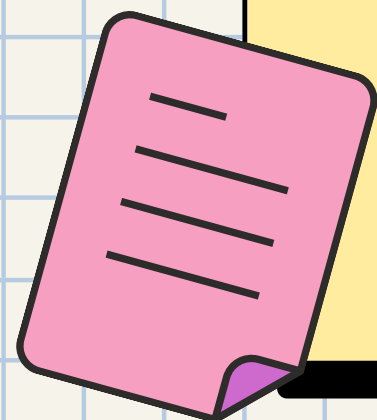
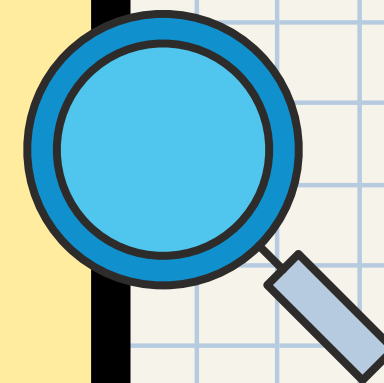
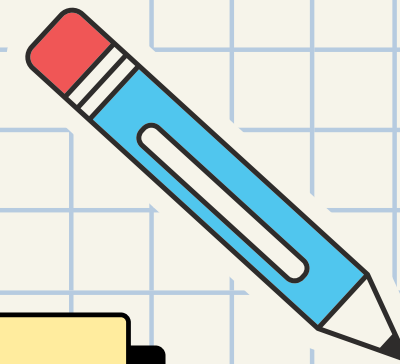


Loops in Javascript



Javascript for loop

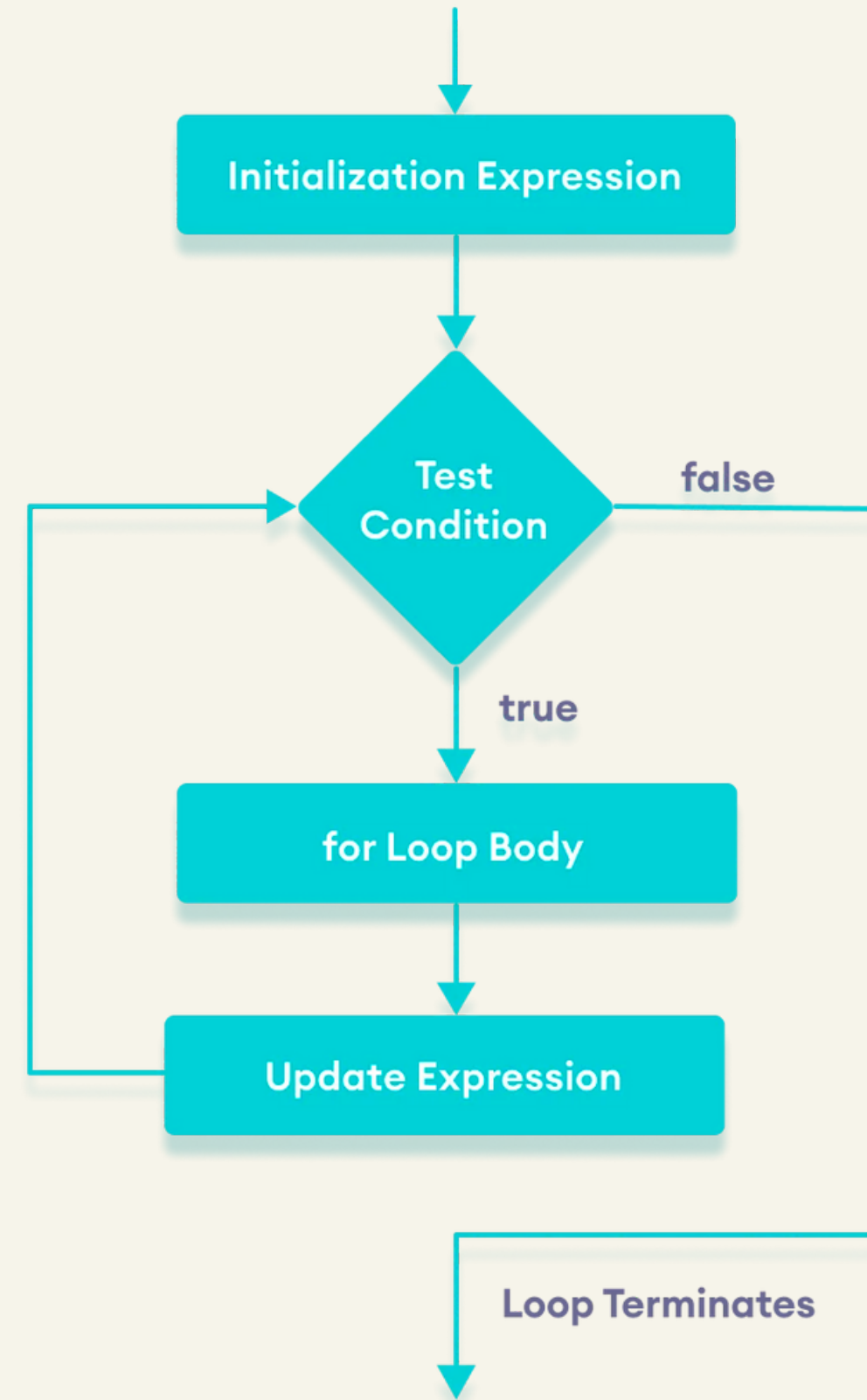
In programming, loops are used to repeat a block of code. For example, if you want to show a message 100 times, then you can use a loop.

The syntax of the for loop is:

```
for (initialExpression; condition; updateExpression){  
    // for loop body  
}
```



for loop flowchart



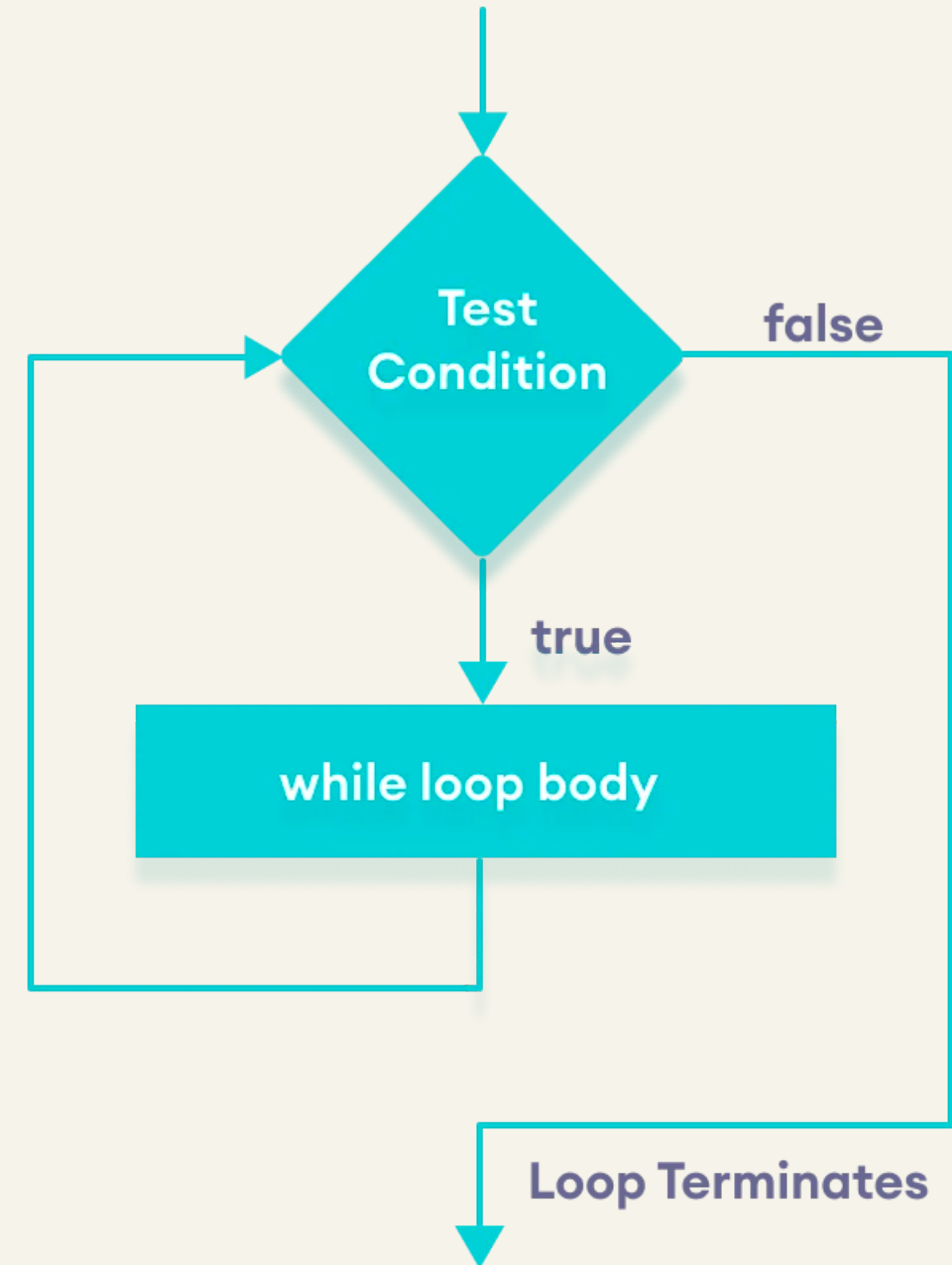
Javascript while loop

The syntax of the while loop is:

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



while loop flowchart



for vs while loop

A for loop is usually used when the number of iterations is known. And while and do...while loops are usually used when the number of iterations are unknown.



Javascript do-while loop

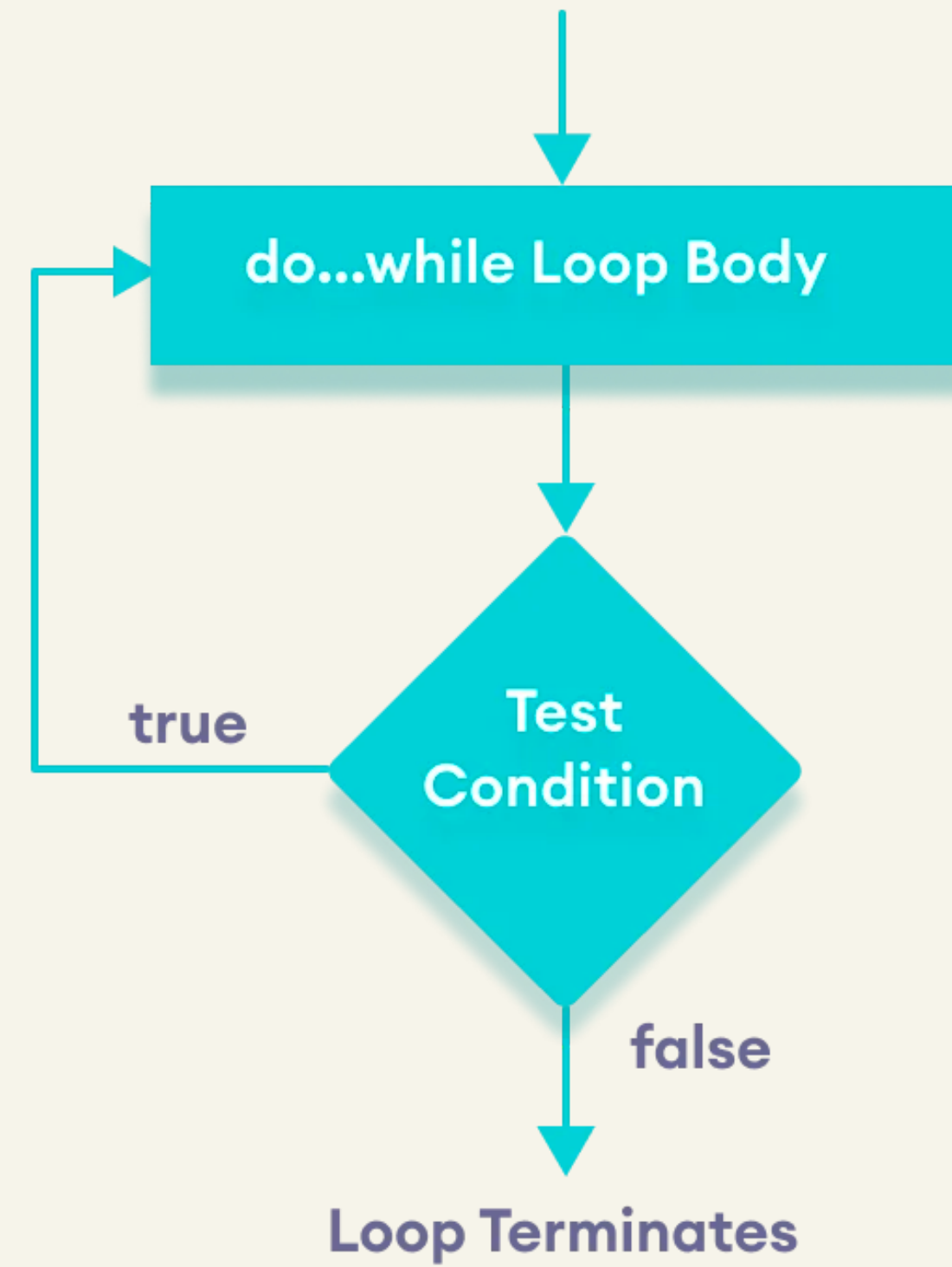
The syntax of do...while loop is:

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

Note: do...while loop is similar to the while loop. The only difference is that in do...while loop, the body of loop is executed at least once.



do-while loop flowchart



continue and break

The break statement is used to terminate the loop immediately when it is encountered.

The continue statement is used to skip the current iteration of the loop and the control flow of the program goes to the next iteration.

