Understanding the 5 loops of JavaScript

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For loop
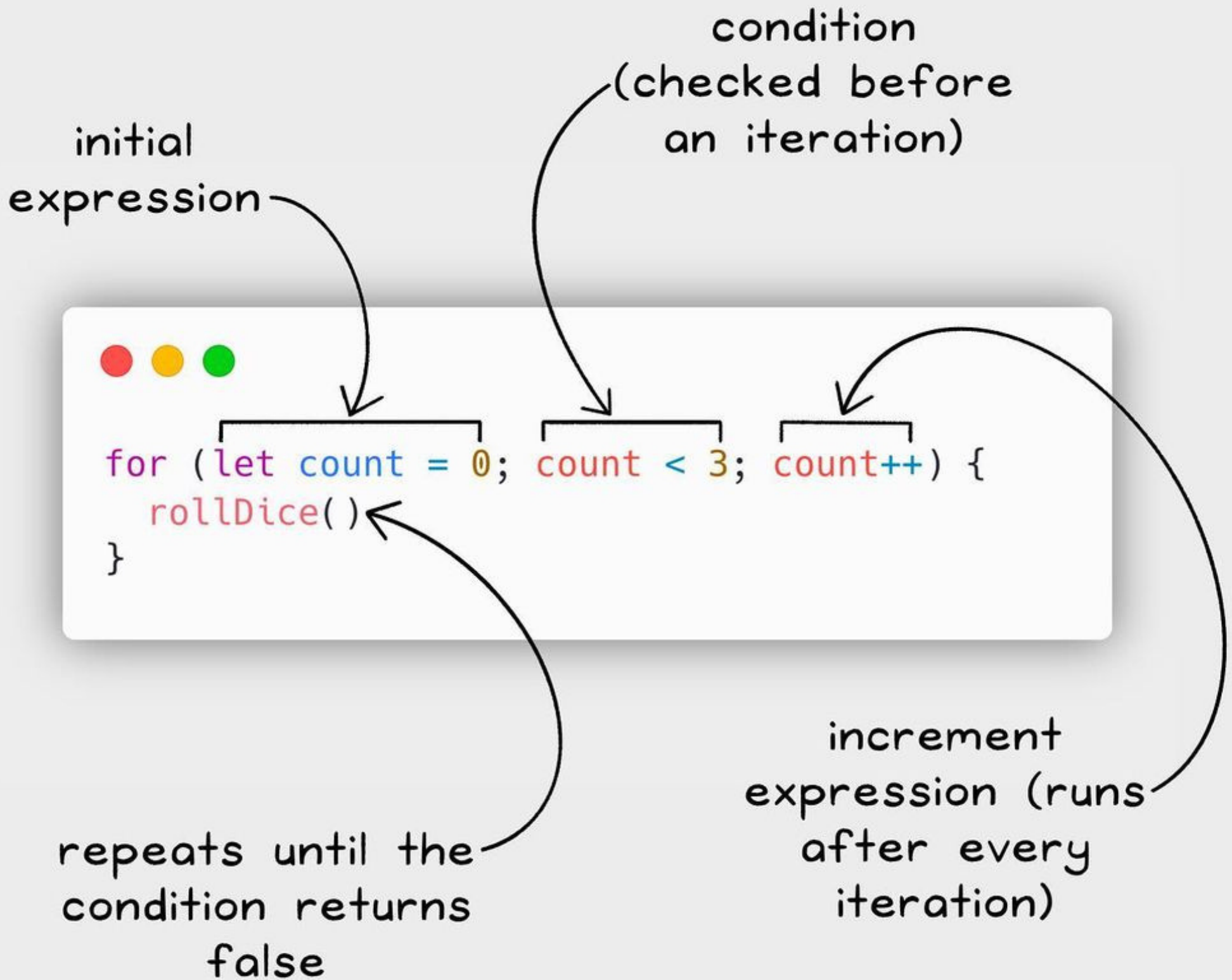
by nikkiandchris.io

initial expression

condition (checked before an iteration)

```
for (let count = 0; count < 3; count++) {
  rollDice()
}
```

repeats until the condition returns false

increment expression (runs after every iteration)
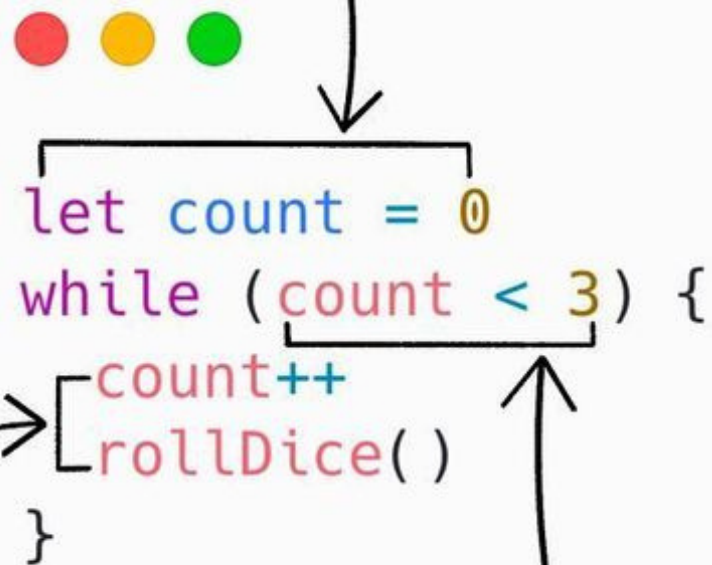
While loop

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initial
condition

```
let count = 0
while (count < 3) {
    count++
    rollDice()
}
```

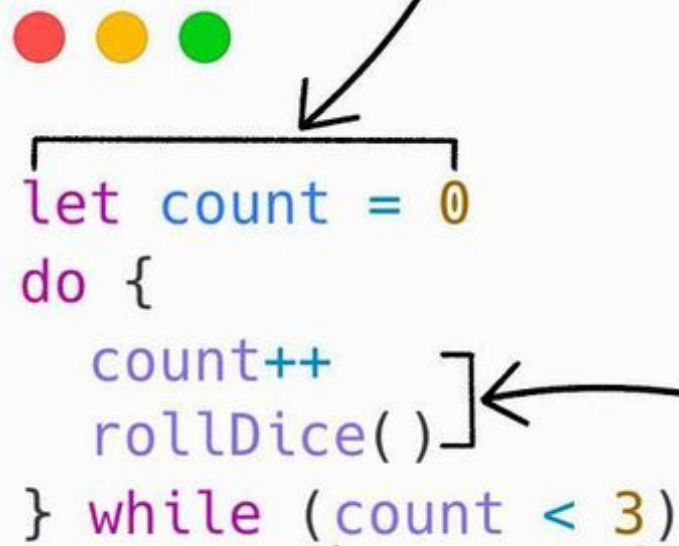repeats while
the condition
is true

condition
(checked
before every
iteration)

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Do... while loop

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initial expression

```
let count = 0
do {
    count++
    rollDice()
} while (count < 3)
```

condition (checked after every iteration)

repeats while the condition is true

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For... in loop

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```javascript
const user = { name: 'Dylan', age: 17 }

for (let key in user) {
  const value = user[key]
  console.log(`${key}: ${value}`)
}
```
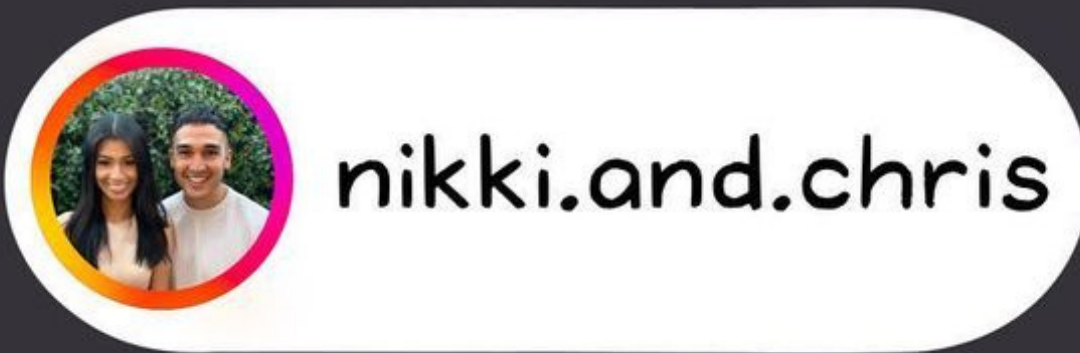
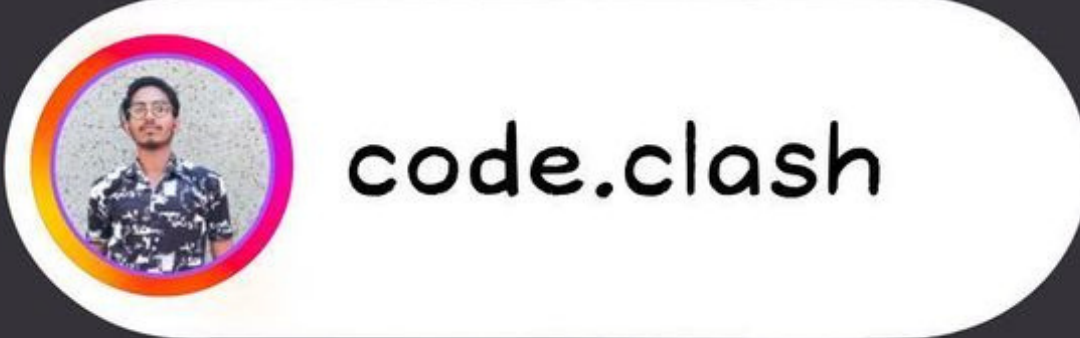runs for every
property name

For... of loop

```javascript
const players = ['Dylan', 'Nicole', 'James']

for (let player of players) {
  console.log(`Welcome ${player}`)
}
```

runs for every
item in the array

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