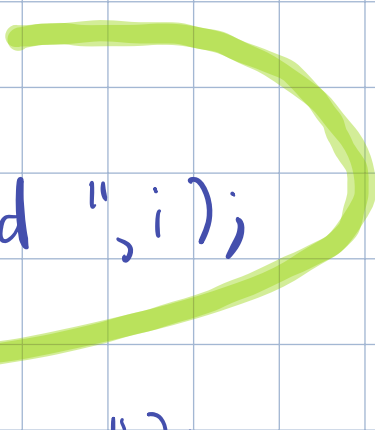


Break

- exits the for or while loop its in

```
for (int i = 0; i < 10; i++) {  
    if (i == 5) {  
        break;  
    }  
    printf("%d ", i);  
}  
printf("hello! >.<");
```

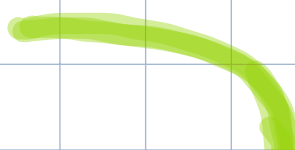


prints ... "0 1 2 3 4 hello! >.<"

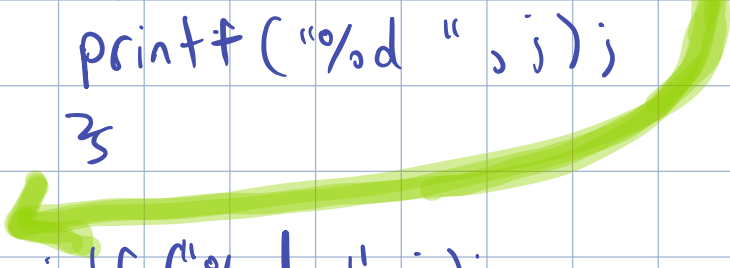
? what about if there are nested loops?

↳ it will only exit the first loop it is in!

```
for (int i = 0; i < 10; i++) {  
    for (int j = 0; j < 10; j++) {  
        if (j == 5) {  
            break;  
        }  
    }  
}
```



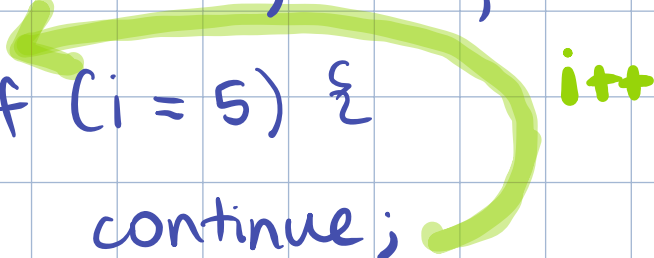
```
printf("%d ", i);  
}  
printf("%d ", i);  
}
```



Continue

continue skips the rest of the loop and goes to the next iteration!

```
for (int i = 0; i < 10; i++) {  
    if (i == 5) {  
        continue;  
    }  
    printf("%d ", i);  
}
```



Prints :

0 1 2 3 4 6 7 8 9

* notice how i got iterated automatically?
this only works with for loops

* in a while loop, it won't iterate for you...

```
int i = 0;
```

```
while (i < 10) {
```

```
    if (i == 5) {
```

```
        continue;
```

```
    }
```

```
    printf("%d ", i);
```

```
    i++;
```

```
}
```

prints "0 1 2 3 4 inf loop!"

↳ Since i was never able to iterate past 5, it got stuck in an inf loop!

> m <