while

true     false

- As long as some condition is true, you do everything inside the loop block.

- The loop block is bounded by a pair of curly braces, so whatever you want to repeat needs to be inside that block.

# the while statement

```
while(condition){
    statement(s);
}
```

- The conditional test is key to the loop

- In Java, a conditional test is an expression that results in a boolean value (either true or false)

true

false

b == a && c < 7

a > 5

s.startsWith("a")

uc3m

# the <span style="color:orange">while</span> statement

```
while(condition){
    statement(s);
}
```

- The conditional test is key to the loop

- In Java, a conditional test is an expression that results in a boolean value (either true or false)

- As long as some condition is true, you do everything inside the loop block

uc3m