

Comparison of The Different Conditional Constructs

This lesson compares the different conditional constructs we have studied so far.

We'll cover the following ^

- Use if Statement
- Use match Statement
- Use if let Statement

Use `if` Statement

Use an `if` statement if:

- It is desired to test the truthiness of an expression
- There is a single affirmative test
- There is a need to evaluate different expressions for each branch
- It can test expressions based on ranges of values or conditions

Use `match` Statement

Use a `match` statement if:

- It is desired to compare multiple possible conditions of an expression
- The values belong to the same domain
- It can test expressions based on values only, i.e., condition cannot take ranges

Use `if let` Statement

Use an `if let` statement if:

- There is a pattern in the condition and it is to be matched with the [scrutinee](#) expression

Now that you have learned all about conditional statements in Rust, check your knowledge through a challenge in the upcoming lesson.

