

PROG103: Branches and Loops

Conditions in R

MARINCS 100B | Intro to Marine Data Science | Winter 2025

Key concepts

What you already know

Logical vectors

Comparisons

Combining comparisons

Recap

New vocabulary and lingering questions

New vocabulary

Lingering questions

Exercises

See section “Conditions in R” in `prog103exercises.R`

PROG103: Branches and Loops

Making choices with `if`, `else`, and `else if`

Key concepts

Syntax: how it's written

Demo in R

Recap

New vocabulary and lingering questions

New vocabulary

Lingering questions

Exercises

See section “Making choices with if, else, and else if” in `prog103exercises.R`

PROG103: Branches and Loops

Repeating yourself with vectorized functions

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Key concepts

What you already know

Demo in R

Recap

New vocabulary and lingering questions

New vocabulary

Lingering questions

Exercises

See section “Repeating yourself with vectorized functions” in `prog103exercises.R`

PROG103: Branches and Loops

Repeating yourself with for loops

Key concepts

What they look like

What's an iterator?

Demo in R

Recap

New vocabulary and lingering questions

New vocabulary

Lingering questions

Exercises

See section “Repeating yourself with vectorized functions” in `prog103exercises.R`