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Pattern Matching in Dart: How to Use it?

Burhanuddin Rashid

@burhanrashid52

in/burhanuddin-rashid

Overview

- What is Pattern Matching and How Does It Work?
- Pattern Matching using Constant Value.
- Pattern Matching with Conditional Operators.
- Pattern Matching to Extract Items from a List.
- Pattern Matching with Records.
- Pattern Matching for Destructuring Values.
- Pattern Matching for Sealed Classes.
- Pattern Matching for Maps in for-loop.

What is Pattern Matching and How Does It Work?

What is Pattern Matching and How Does It Work?

- Extract value against a pattern.
- 1970s
  - Haskell introduce in Functional style programming.
- Popular languages : Javascript and Kotlin
  - Destructing.
- Similar to Regular Expression.
  - Input => Output .

Pattern Matching with Constant Value

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Pattern Matching with Conditional Operators

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Code Challenge

Pattern Matching to Extract Items from a List

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Pattern Matching with Records

Pattern Matching for Destructuring Values

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Pattern Matching for Sealed Classes

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Pattern Matching for Maps in for-loop

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Pattern Matching for Maps in for-loop

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Thank you!

Burhanuddin Rashid

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