

Mobile Application Development with Flutter

Lecture 6: Strings in Dart

Strings in Dart

- A String is a sequence of characters
- Dart Strings are immutable
- Strings are objects in Dart

Prepared by Ehtisham Rasheed

String Properties

- length
- isEmpty
- isEmpty

String Methods

- toUpperCase(), toLowerCase()
- trim(), trimLeft(), trimRight()
- contains(), indexOf()
- startsWith(), endsWith()
- substring()
- compateTo()
- replaceAll()

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Real App Usage Examples

- 1 Login Form - Remove Extra Spaces (trim())
- 2 Case-Insensitive Email Check (toLowerCase())
- 3 Password Length Validation (length)
- 4 Search Feature (contains())
- 5 Validate Email Format (contains() / endsWith())
- 6 Extract Last 4 Digits of Card (substring())
- 7 Replace Text (replaceAll())
- 8 Check Empty Field (isEmpty, isEmpty)