Google Codelab Overview

# Dive into Dart's patterns and records:

* Records
* Destructure a record
* If-case statement
* Switch expressions
* Sealed class
* Exhaustive switching

# Building scrolling experiences in Flutter:

* CustomScrollView (in body of scaffold)
* SliverAppbar (pinned, stretched, flexible space etc. )
* Flexible spacebar (collapse modes, strectch modes)
* Box Decoration (gradients)
* Sliver List (delegate : SliverChildBuilderDelegate)

# Dart null safety in Action:

* Non-nullable (int a ), nullable(int? a), null-assertion operator(a!.isNegative).
* Type promotion via null checks
* Late keyword
* Late circular references

# How to manage application states using inherited widgets:

* [Simplifying State Management with  Flutter InheritedWidget (dhiwise.com)](https://www.dhiwise.com/post/simplifying-state-management-in-flutter-inheritedwidget)
* [Inherited Widgets Flutter by cavin macwan | Medium](https://medium.com/@CavinMac/inherited-widgets-in-depth-413794c3b3d9)

# How to debug layout issues with the Flutter Inspector:

* [How to debug layout issues with the Flutter Inspector | by Katie Lee | Flutter | Medium](https://medium.com/flutter/how-to-debug-layout-issues-with-the-flutter-inspector-87460a7b9db)

# Implicit animations:

* Animated Opacity
* Animated Container
* [Implicit animations | Flutter](https://docs.flutter.dev/codelabs/implicit-animations)