

The Flutter team currently maintains the following codelabs:

- [Write Your First Flutter App, part 1](#)
  - Create a simple mobile app that generates proposed names for a startup company. In part one, you'll use a package that returns pairs of words at random and inserts them into an infinite scrolling list.
- [Write Your First Flutter App, part 2](#)
  - Create a simple mobile app that generates proposed names for a startup company. In part two, you'll extend the example from part 1 to allow the user to select favorite word pairs, and add a second "Saved Favorites" page where users can view the selected names. Finally, you'll change the app's theme color.
- [Basic Flutter layout](#)
  - Use DartPad in a browser (no need to download Flutter or Dart!) to learn the basics of creating a Flutter layout.
- [Building Beautiful UIs with Flutter](#)
  - A deeper "first dive" than "Write Your First Flutter App." In this codelab you'll create a chat app that includes a simple animation, and customizes the UI for iOS and Android.
- [Adding Google Maps to a Flutter App](#)
  - Display a Google map in an app, retrieve data from a web service, and display the data as markers on the map.
- [Build a Photo Sharing App with Google Photos and Flutter](#)
  - Build a field trip app that allows you and other members of the trip to share photos.
- [Building a Cupertino app with Flutter](#)
  - Build a version of the Shrine shopping app (used in the Material Design codelabs) using the Cupertino package to create an iOS style look and feel. Create multiple tabs and navigate between them.
- [Firebase for Flutter](#)
  - Connect a Flutter app to a Firebase database, and use a transaction to update shared information.
- [MDC 101 Flutter: Material Components \(MDC\) Basics](#)
  - Learn the basics of using Material Components by building a simple app with core components. The four MDC codelabs guide you through building an e-commerce app called Shrine. You'll start by building a login page using several of MDC Flutter's components.
- [MDC 102 Flutter: Material Structure and Layout](#)
  - Learn how to use Material for structure and layout in Flutter. Continue building the e-commerce app, introduced in MDC-101, by adding navigation, structure, and data.
- [MDC 103 Flutter: Material Theming with Color, Shape, Elevation, and Type](#)
  - Discover how Material Components for Flutter make it easy to differentiate your product, and express your brand through design. Continue building your e-commerce app by adding a home screen that displays products.
- [MDC 104 Flutter: Material Advanced Components](#)
  - Improve your design and learn to use our advanced component backdrop menu. Finish your e-commerce app by adding a backdrop with a menu that filters products by the selected category.

If you find errors with the codelabs, please create [issues](#) with the [dev: docs - codelab](#) and [TODAY](#) labels.