

Lecture 1

1. Introduction to dart
2. Dartpad.io
3. Data types

Lecture 2

1. Basic fundamentals (if-else / loops)
2. Nested if-else
3. String operations

Lecture 3

1. Installation of android studio
2. Deployment of app on mobile or genymotion
3. Flutter configuration

Lecture 4

1. Draw.io (Diagram)
2. Intro to widgets
3. UI design

Lecture 5

1. Material Design
2. Counter app

Lecture 6

1. State full / Stateless widgets
2. Init State ()

Lecture 7

1. Container
2. Rows / Columns
3. Understanding the alignment
4. Single child scroll view

Lecture 8

1. Buttons
2. Events
3. Runtime calculation

Lecture 9

1. Attributes and properties
2. Styling a widget

Lecture 10

1. Routes
2. Navigation (navigation. push / push Replacement / pop) using button

Lecture 11

1. Drawer
2. Bottom navigation

Lecture 12

1. Form designing
2. Form fields (text field , radio buttons , checkboxes , combo boxes)

Lecture 13

1. Validations
2. Form Submission

Lecture 14

1. Classes explanation
2. Constructors
3. Data transfer from one page to another

Lecture 15

4. Icons
5. Image
6. Path (absolute / relative)

Lecture 16

1. Make widgets responsive
2. Cards
3. List View
4. Future Builder

Lecture 17

1. Gesture Detector
2. Snack bars

Lecture 18

1. Camera
2. URL launcher

Lecture 19

1. Hierarchy of files
2. Introduction to firebase
3. Firebase connection
4. Basic authentication (Google sign-in)

Lecture 20

1. Database introduction
2. Connection to MYSQL
3. Insert data

Lecture 21

1. Display data
2. Delete data
3. Update data

Lecture 22

1. API introduction
2. HTTP introduction
3. POSTMAN installation
4. Creating HTTP get request
5. Creating HTTP post request

Lecture 23

1. Database authentication
2. Real-time data from web + JSON handling

Lecture 24

1. Uploading file to server
2. Downloading file from server

Lecture 25

1. Project completion