# 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

1. Icons
2. Image
3. 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