

1. a) Write a Dart console program that prints your name, checks age with conditionals, uses a loop to count from 1 to 5, and defines a function to return the sum of two numbers.
b) Create custom widgets for specific UI elements
2. a) Write a Dart console program that prints your name, checks age with conditionals, uses a loop to count from 1 to 5, and defines a function to return the sum of two numbers.
b) Implement different layout structures using Row, Column, and Stack widgets
3. a) Write a Dart console program that prints your name, checks age with conditionals, uses a loop to count from 1 to 5, and defines a function to return the sum of two numbers.
b) Fetch data from a REST API
4. a) Write unit tests for UI components
b) Implement state management using setState and Provider
5. a) Learn about stateful and stateless widgets
b) Write unit tests for UI components
6. a) Write a simple Dart program to understand the language basics
b) Add animations to UI elements using Flutter's animation framework
7. a) Install Flutter and Dart SDK
b) Experiment with different types of animations (fade, slide, etc.)

8. a) Write a simple Dart program to understand the language basics
b) Design a form with various input fields
9. a) Write a simple Dart program to understand the language basics
b) Learn about stateful and stateless widgets
10. a) Write a simple Dart program to understand the language basics
b) Implement form validation and error handling
11. a) Install Flutter and Dart SDK
b) Set up navigation between different screens using Navigator
12. a) Learn about stateful and stateless widgets
b) Apply styling using themes and custom styles
13. a) Learn about stateful and stateless widgets
b) Display the fetched data in a meaningful way in the UI
14. a) Set up navigation between different screens using Navigator
b) Implement media queries and breakpoints for responsiveness
15. a) Write a simple Dart program to understand the language basic
b) Implement navigation with named routes
16. a) Design a responsive UI that adapts to different screen sizes
b) Use Flutter's debugging tools to identify and fix issues