



National University of Modern Languages, Islamabad

Submitted To:	Sir Shahid
Submitted By:	Tayyaba Ejaz
Roll Number:	2751
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1. Lab Task 2

Statefull

Statefull and stateless

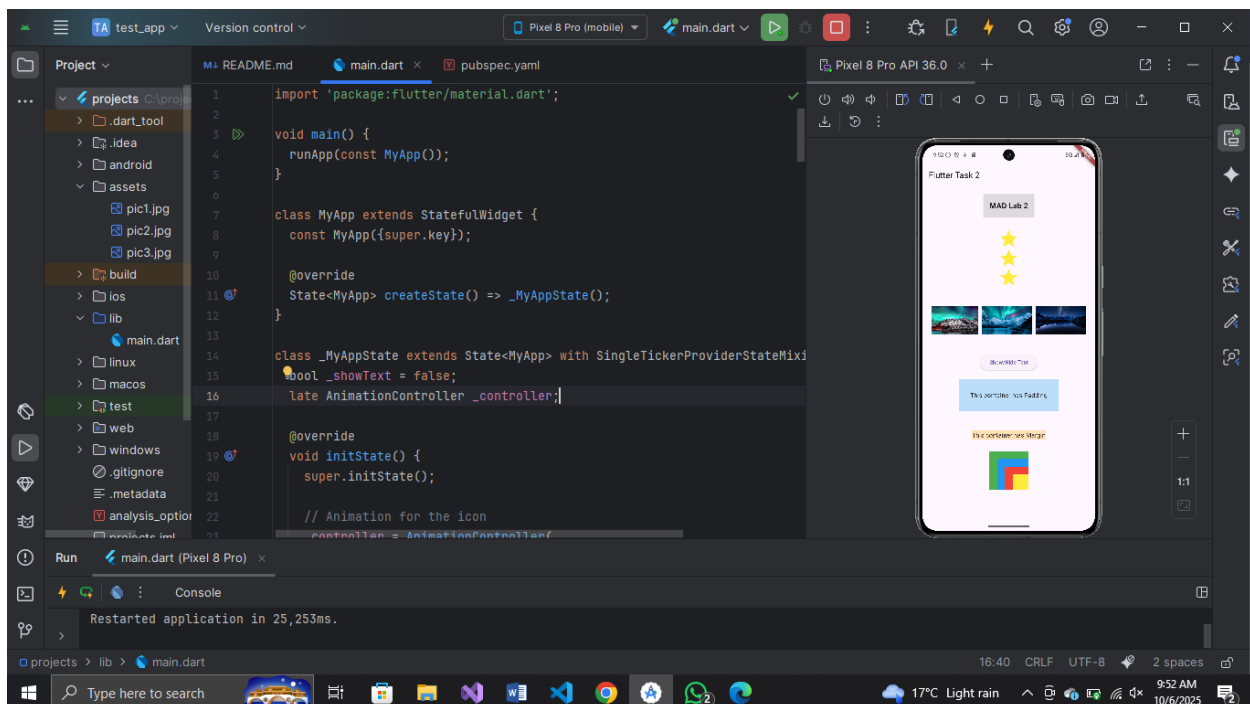
Stateless

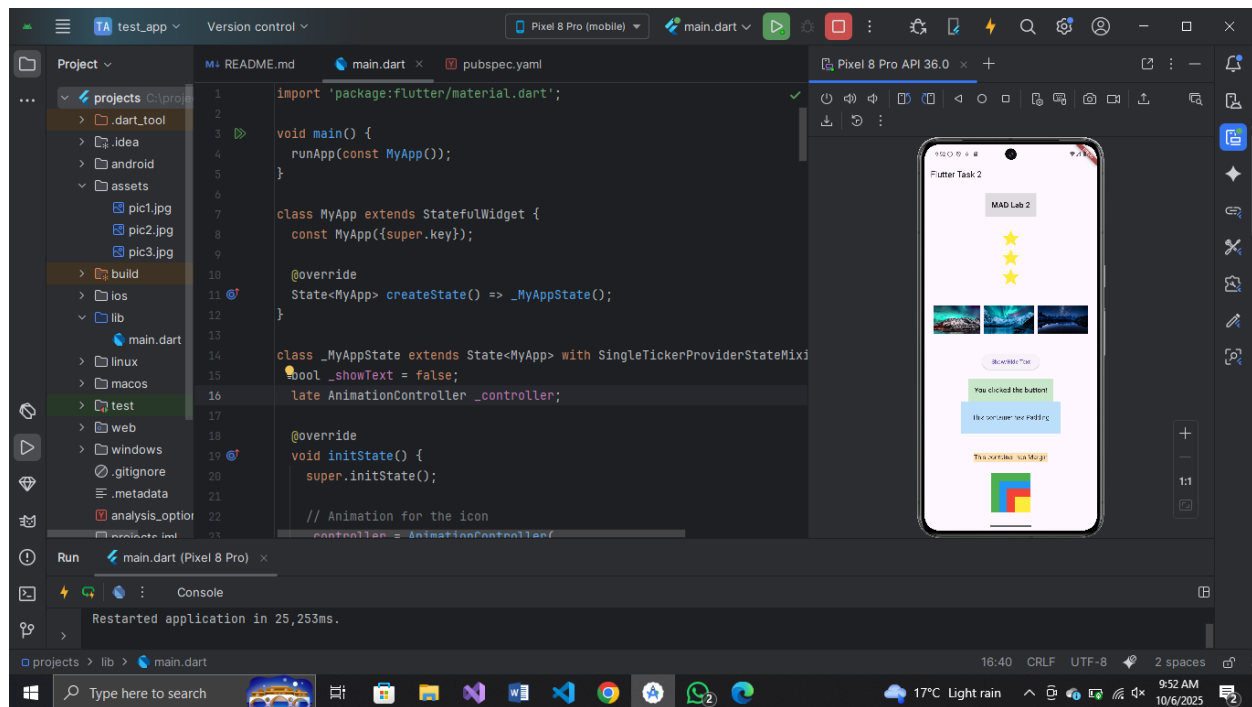
1.1 Description

This Flutter app demonstrates the **difference between Stateful and Stateless widgets** using three simple examples displayed on one screen:

1. **Stateful Widget** – A counter that updates dynamically when the “Add” or “Reset” buttons are pressed. It manages its own state using `setState()`.
2. **Stateless + Stateful Widget** – Combines a stateless parent widget with a stateful child widget (`CounterScreen`) to show how data and callbacks can be passed between widgets.
3. **Stateless Widget** – Displays a static greeting message (`GreetingWidget`) that doesn't change since it has no internal state.

1.2 Screenshots





Text is shown on clicking the elevated button