

W5 - Observer Pattern, State Management Homework

Exercise 2: How efficient is the new approach ?

After add print statements in each build() methods of old approach (provided code) and new approach (my code), I notice that:

- **Old approach:** Every tap on the **ColorTap**, the entire **HomeScreen** and **ColorTapScreen** rebuilds that require more performance and are hard to maintain if there are lots of screens or if the app grows.
- **New approach:** Every tap on the **ColorTap**, only the **ColorTap** widget that rebuild which improve performance and is easier to maintain or manage when the app grows.