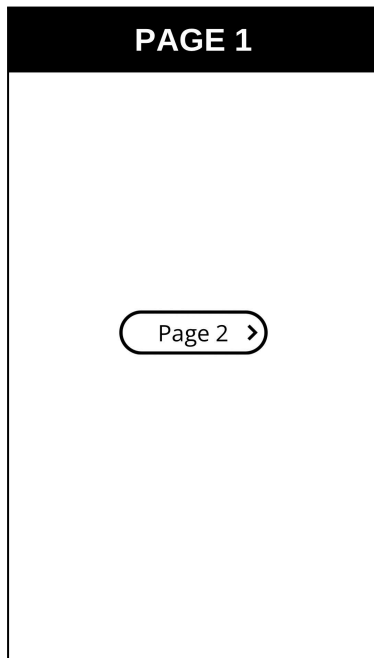


: Level 2 Machine Test

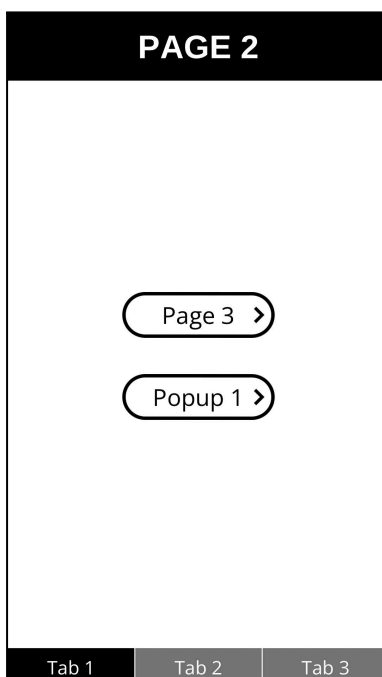
Build a flutter app using getX, that meets the following requirements:

The app has two pages: Page 1 and Page 2.

Page 1 has a button that navigates to Page 2.



Page 2 has a Bottom Navigation Bar with three items: Tab 1, Tab 2, and Tab 3.
Tab 1 has two buttons: one that opens Page 3 and another that opens Popup 1.

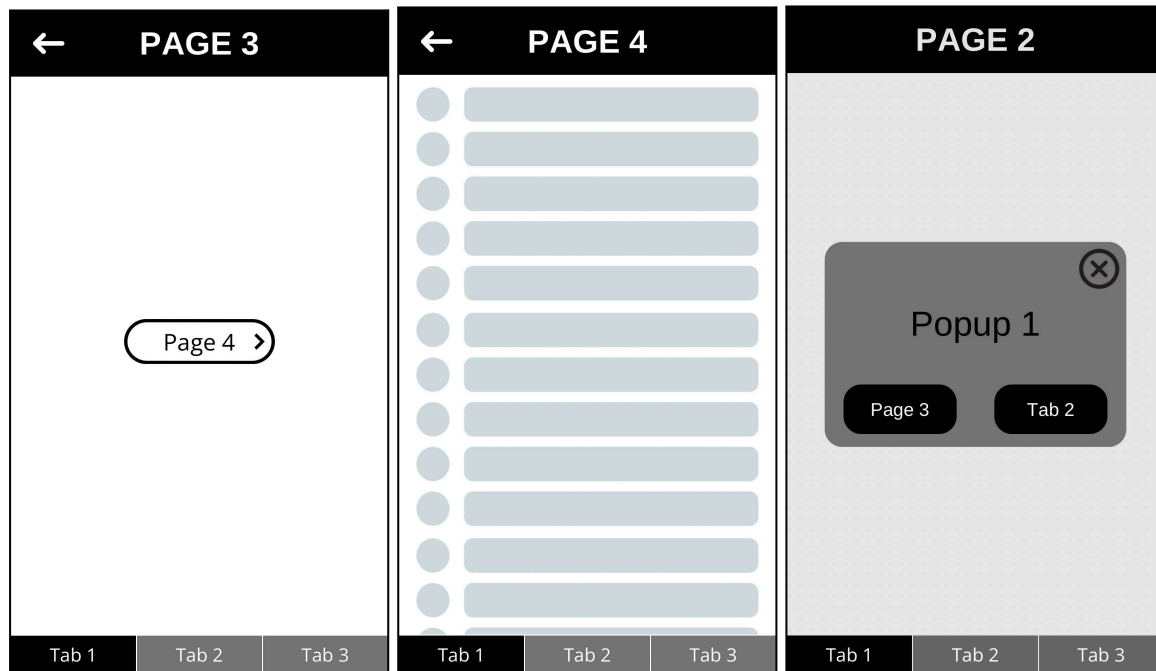


Page 3 has a button that opens Page 4.

Page 4 is a scrollable list view.

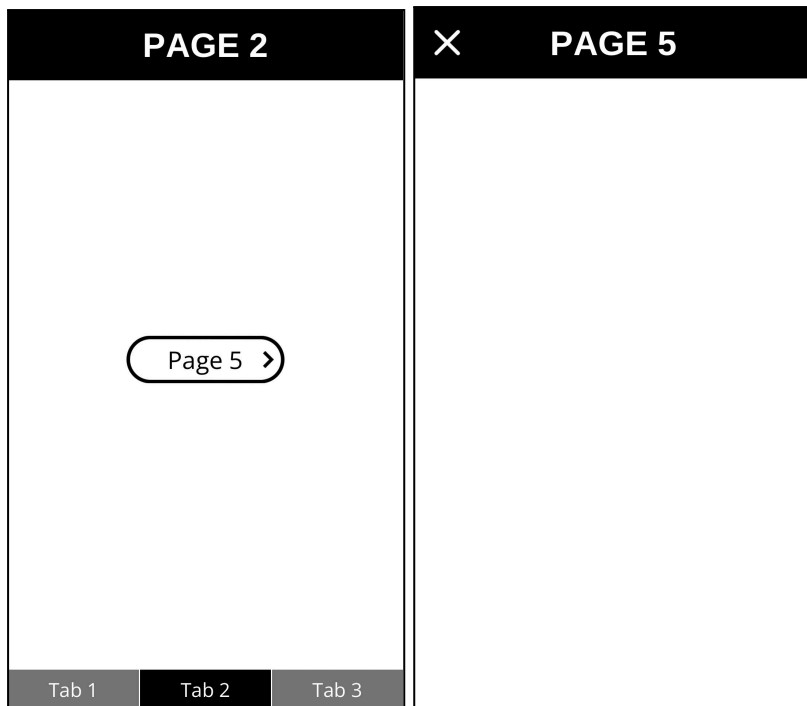
Use this public api (GET) - <https://jsonplaceholder.typicode.com/posts> to fetch a list of random posts, and show the "title" of each item, in a list.

Popup 1 has 3 buttons: one that opens page 3, one that opens tab 2 and a close button.

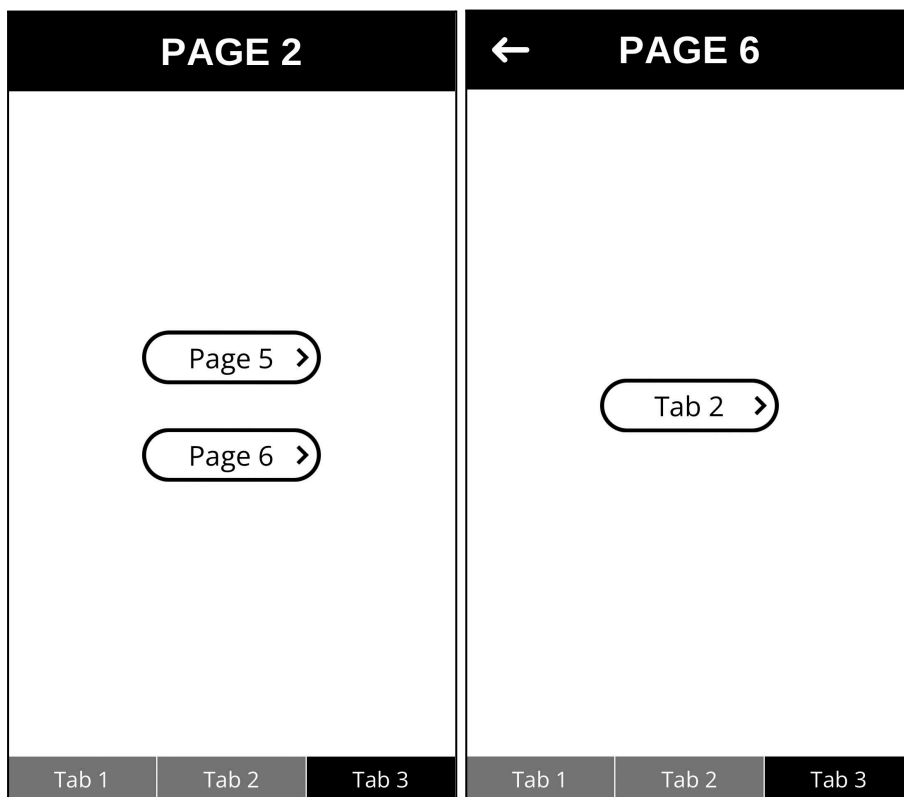


Tab 2 has a button that opens Page 5.

On Page 5, there's no bottom navigation bar and there's a button in the page that closes it.



Tab 3 has two buttons: one that opens Page 5 and another that opens Page 6.
Page 6 has a button that navigates to Tab 2.



All pages and popups should be written with separate UI and controller classes.

The app should handle the button clicks as follows:

1. If there is a page or a popup on top of the current tab, the back button should close it.
2. If there is no page or popup on top of the current tab, the back button should go back to the previous tab.
3. If the current tab (bottom) button is clicked again, it should clear any pages or popups on top of it.
4. No other click is allowed than the buttons in popup when a popup is open.
5. Popup should be closed before navigating from it.

You can submit the output along with source code within 72 Hrs of receiving this test.