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Aim: To design Flutter UI by including common widgets.

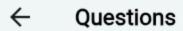
Common Widgets:

- Scaffold: Provides a basic screen structure with AppBar, Body,BottomNavigationBar.
- **AppBar:** Displays the page title and action buttons.
- BottomNavigationBar: Adds a navigation bar at the bottom.
- SingleChildScrollView: Allows scrolling when content overflows the screen.
- Column: Arranges widgets vertically.
- Row: Arranges widgets horizontally.
- Center: Centers content on the screen.
- Padding :Adds space around widgets.
- SizedBox :Adds empty space between widgets.
- Container: Used for styling elements (e.g., cards, backgrounds).
- Form :Wraps input fields to enable validation.
- GlobalKey<FormState> :Manages form state for validation.
- TextFormField :Input fields for email and password.
- InputDecoration :Adds styling like icons, labels, and borders inside TextFormField.
- ElevatedButton :For the Log in button.
- **TextButton**: For Forgot Password and Sign Up links.
- **GestureDetector**: Used to make tappable areas.
- Text: Displays plain text (e.g., "Questions", "The questions has not asked yet!").
- Icon: Displays icons (e.g., Icons.email, Icons.lock, Icons.home).
- Image.asset :Displays the Stack Overflow logo from assets.
- SvgPicture.asset :Displays an SVG image (useful for logos).
- BoxDecoration: Used inside Container for background color, border radius, and shadows.
- **BoxShadow**: Adds shadows to create a floating card effect.
- **Divider**: Adds a horizontal line to separate sections.
- Navigator.push(): Navigates from LoginPage to HomePage.
- MaterialPageRoute :Defines the transition animation when navigating to a new page.
- StatefulWidget (if needed): Used when the UI needs to update dynamically.
- StatelessWidget: Used for static pages like login and home screens.

Code:

```
import
                                                     decoration:
'package:flutter/material.dart'; BoxDecoration(
class HomePage extends
                                                     color: Colors.white,
StatelessWidget {
                                                    borderRadius:
  @override
                                         BorderRadius.circular(12),
 Widget build (BuildContext
                                                    boxShadow: [
context) {
                                                    BoxShadow (
     return Scaffold(
                                                          color:
     backgroundColor:
                                         Colors.black12,
Colors.purple.shade50,
                                                          blurRadius: 10,
     appBar: AppBar(
                                                          spreadRadius: 2,
     backgroundColor:
                                                     ),
Colors.white,
                                                     ],
     elevation: 1,
                                                     ) ,
     title: const Text(
                                                     child: const Text(
           "Questions",
                                                     "The questions has not
           style:
                                         asked yet!",
TextStyle(color: Colors.black,
                                                     style:
fontSize: 18, fontWeight:
                                         TextStyle(fontSize: 16,
FontWeight.bold),
                                         fontWeight: FontWeight.bold),
     ),
                                                    ),
     actions: [
                                               ),
           TextButton (
                                               ),
           onPressed: () {
                                               bottomNavigationBar:
           // Navigate to the Ask
                                         BottomNavigationBar(
                                               backgroundColor:
Question page
           },
                                         Colors.white,
           child: const Text(
                                               selectedItemColor:
           "Ask Question",
                                         Colors.orange,
           style:
                                               unselectedItemColor:
TextStyle(color: Colors.purple,
                                         Colors.grey,
fontWeight: FontWeight.bold),
                                               showUnselectedLabels: true,
                                               items: const [
           ),
           const SizedBox(width:
                                         BottomNavigationBarItem(
10),
                                                     icon:
                                         Icon(Icons.home),
     ],
     ),
                                                     label: "Home",
     body: Center(
                                                     ),
     child: Container(
           padding: const
                                         BottomNavigationBarItem(
EdgeInsets.all(20),
                                                     icon:
           margin: const
                                         Icon(Icons.person),
EdgeInsets.symmetric(horizontal:
                                                     label: "Profile",
24),
                                                     ),
```

Output:





The questions has not asked yet!







