

CA871 Advanced Mobile Programming

Programs for Practice

Sr. No.	Problem Statement
1	Create a Flutter application with two Tabs: The first Tab should display a group of four checkboxes and a button. Clicking on the button should display all the selected checkboxes in a snackbar. The second Tab should display a group of three radiobuttons and a button. Clicking on the button should display the selected value in a snackbar.
2	<p>Create a Flutter application with three radiobuttons to show following options:</p> <ul style="list-style-type: none"> - Show Current Date and Time - Show Current Location of the device - Go to next screen. <p>After these three radiobuttons, a button ("Do as directed") should be there. Clicking on the button after selecting first or second option, the output should be displayed within the same screen. Clicking on the button after selecting third option, another screen with should be displayed.</p>
3	<p>Create a Flutter application in which:</p> <ul style="list-style-type: none"> - three images from local drive are displayed in a row and - two images from Internet are displayed in a column.
4	Create a Flutter application which displays one textfield for taking firstname as input, one date-picker and one button("Go to next screen") on first screen. The date-picker must not allow the user to select date earlier than the current date and later than 31/12/2023. Clicking on the button should display the next screen with firstname and selected date in the center of the screen.
5	Create a Flutter application in which three scrollbars are displayed. These scrollbars should allow the user to select value for length, breadth and height of a box. Each scrollbar should allow a value between 1 and 5 only. Further, provide one more button("Show"). Clicking this button should display volume of the box for current value of length, breadth and height.
6	Create a flutter application in which the at least five records are fetched from an online resource with the help of http. Display these records using a ListView.
7	Write a program to create an app with four screens. Each screen must have three buttons to re-direct to one of the three other screens. Use named routes.
8	<p>Write a program to create a drawer with three options: Login, Greet and Close.</p> <p>Create three dart files: Login.dart, Greet.dart</p> <p>Tapping on Login should display screen for login from Login.dart</p> <p>Tapping on Greet should display screen with "Have a good day" message from Greet.dart.</p> <p>Tapping on Close should close the drawer.</p>
9	Create a flutter application with two textfields for taking username and password as input. Also, provide two buttons: Login and Reset. Clicking on the Login button will check if both username and password are equal to admin. If so, display "Login Successful" else display "Login Failed" with the help of an alert dialog. Reset button should clear the contents from the textfields.
10	Create a flutter application with a slider. Range of this slider should be from 1 to 5. As and when the slider is adjusted, its current value should be displayed on the screen. However, if the value is 5, it should generated user-defined exception called "OutOfRangeException".