CROSS-PLATFORM MOBILE APP DEVELOPMENT

(503107)

LAB 2

EXERCISE 1

Use the **Row** widget to design an applications with an interface similar to the those below:
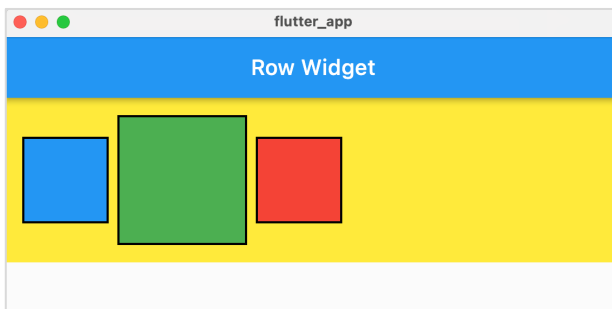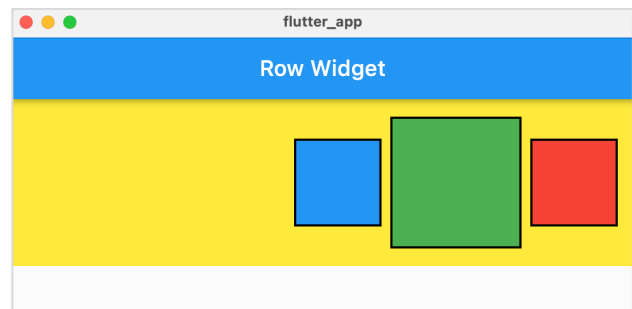

Fig 1. mainAxisAlignment: ***start***
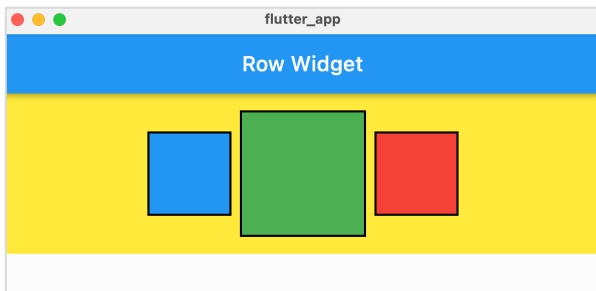

Fig 2. mainAxisAlignment: ***end***
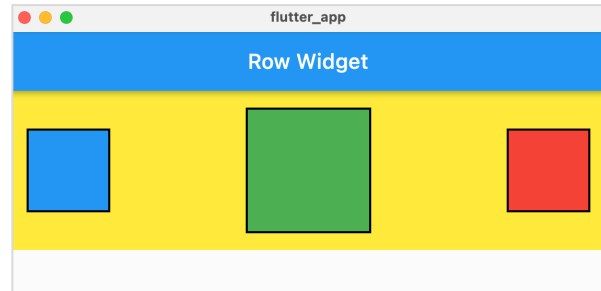

Fig 3. mainAxisAlignment: ***center***

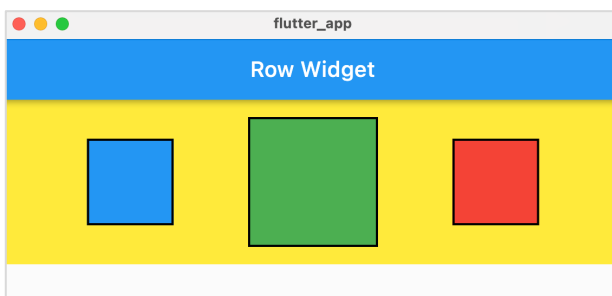*Fig 4. mainAxisAlignment:* ***spaceBetween***
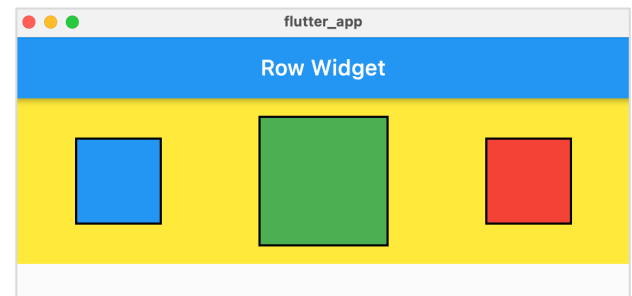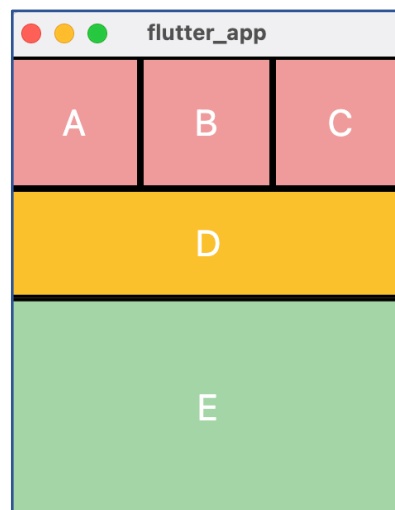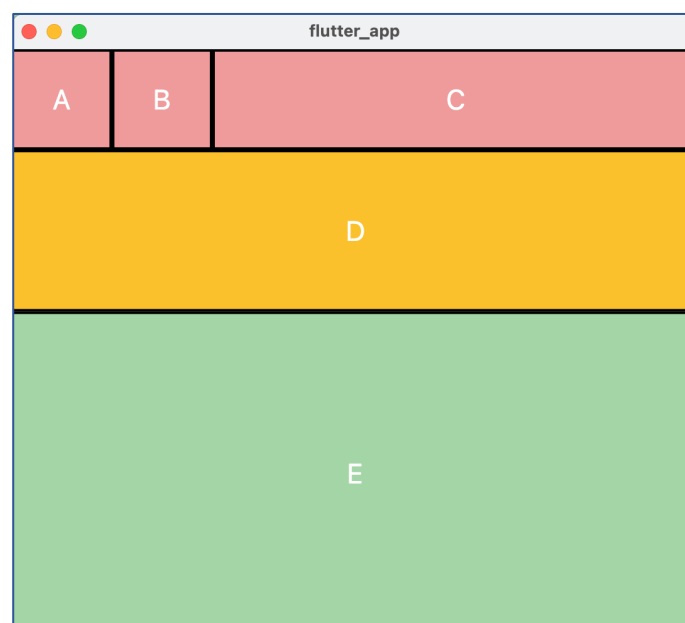

Fig 5. mainAxisAlignment: ***spaceEvenly***

Fig 6. mainAxisAlignment: ***spaceAround***

EXERCISE 2

Use a combination of widgets like **Row**, **Column** and **Expanded** to design a UI similar to the one below. Widgets A, B, and C are on the same row. Widgets D and E are stretched to full width and placed below the first row. Widgets A, B, and C have a fixed height of 100.
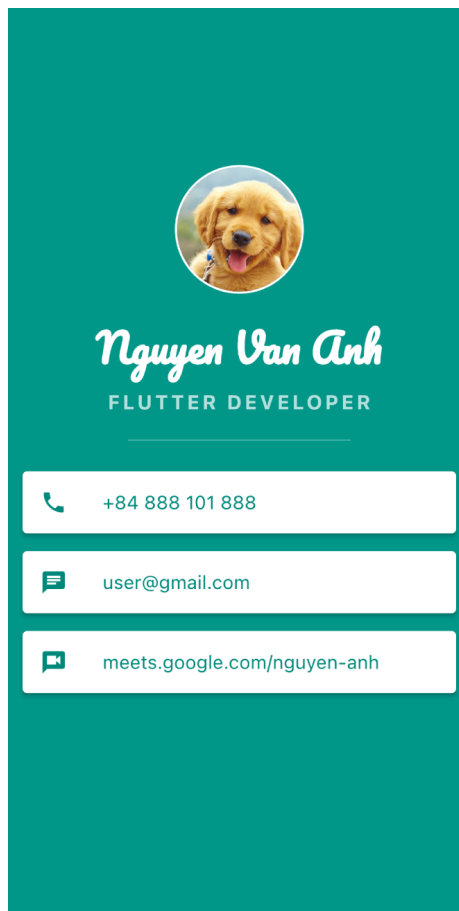

When resizing the application window, the widgets C, D and E will be expanded respectively. In which, widget E is always twice the height of widget D.
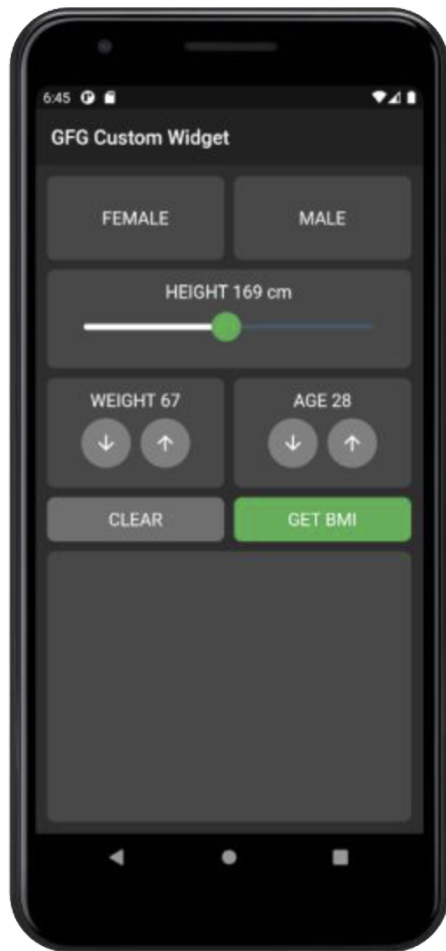
EXERCISE 3

Design a UI similar to the one shown below. The contact name uses a special font called Pacifico, which is given to you in the exercise material. Copy the file **Pacifico-Regular.ttf** to your project's fonts folder and use this font in your application.
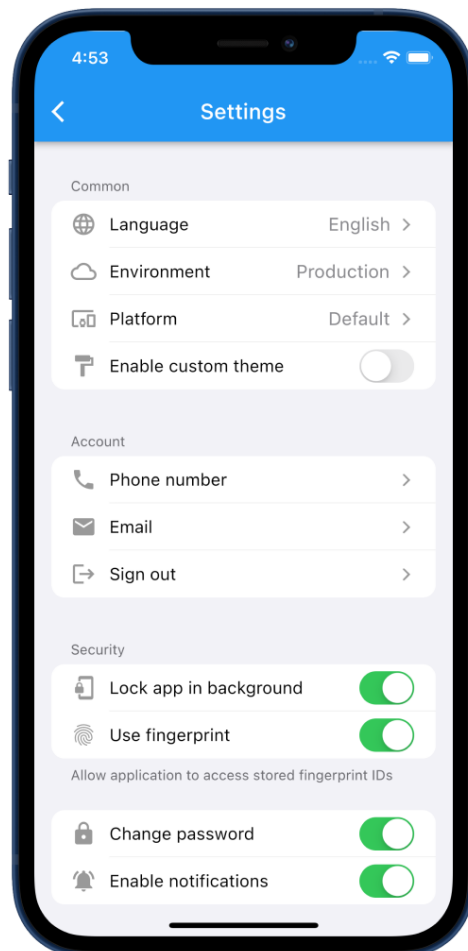

EXERCISE **4 + 5**

Use known widgets to design a UI similar to the one shown below. Convert the widget into stateful widget in order to display user selections. When clicking buttons or when changing the value of the Slider widget, the corresponding text value will be changed accordingly.

Exercise 4

Exercise 5