

# SECJ3623 Mobile Application Programming

Exercise Sheet - 15/05/2025

Submission Deadline: 15/05/2025 at 2PM

## Question 1

Create an app that has three buttons with a text widget below it. The first button should display a random number between 0 and 1000. The second button should display a random quote from the 12th Doctor from Doctor Who. The quote should change each time the button is pressed, and the third button should change the colour of the app bar to deep purple.

## Question 2

The MVVM architecture is just one of many architectures used by developers. State three other architectures commonly used in Flutter.