

F27SB2 Software Development 2

Laboratory 3

a) Write a program to display font sizes. It should have:

- label for letter “X”
- label for font size value
- button to increase font size
- button to decrease font size

Initially, the X label should display an 18 point “X”, and the font size label should display the value “18”. Every time the “increase” button is selected, the font size of the “X” and the value in the font size label should be increased by 1. Every time the “decrease” button is selected, the font size of the “X” and the value in the font size label should be decreased by 1.

b) Write a program to provide a simple calculator. The calculator has:

- an accumulator variable displayed as a label
- a text field to input an integer
- buttons for “clear”, “+”, “-”, “*” and “/”
 - for the “clear” button, set the accumulator value to 0
 - for the “+” button, add the text field value to the accumulator value
 - for the “- ” button, subtract the text field value from the accumulator value
 - for the “*” button, multiply the accumulator value by the text field value
 - for the “/” button, divide the accumulator value by the text field value