

Arduino exercises

17/01/14

Exercise 1: Write a programme that switches the LED while the push button is pressed.

Exercise 2: Write a programme that sends "Push button pressed!" when you press the push button.

Exercise 3: Write a programme that counts how many times you press the push button.

Exercise 4: Write a programme that allows you to control the brightness of an LED via the serial terminal.

Exercise 5: Write a programme that makes a desired mathematical sent by the user in the format "2+3=" or "2*3=" or "2-3=" or "6/2="

Exercise 6: Write a programme that allows you to control the relay using a push button: the relay should be switched on when the button is pressed once, and switched off if the button is pressed again. It shall also tell the user when the Relay is switched ON or switched OFF.