Chapter V

Bonus: It's not rocket science !

	Exercise 04
Binary Counter	
Turn-in directory : *ex*04/	
Files to turn in : `Makefile, *.c, *.h`	
Allowed functions : `avr/io.h, util/delay.h`	

- You must write a program that:
  - increments a value each time you press button SW1
  - decrements a value each time you press button SW2
  - displays this value in binary on LEDs D1 D2 D3 and D4 permanently.
- You must use only the AVR registers (DDRX, PORTX, PINX)

```
If the 4 LEDs were on GPIO PB0, PB1, PB2, PB3, this exercise would be
simpler.
Unfortunately, LED D4 is on PB4 instead of PB3 because PB3 is used
for something else.
You will have to manipulate bits.
```