Simple\_blink lab 2 Andrei

Simple blink operated on the simple principal aof designating a pin for the output of one bit (BIT0). Then exclusive or that signal with itself in order to continiouslly alternate the output of the LED.

What this means in context is that when BIT0 was low the LED would be off. Then when the next clock cycle came the output of BIT0 would change because the of the Exclusive or function comparing the value of BIT0 to itself from the previous clock cycle switching the output of BIT0 from high to low and back again continiouslly.

P1OUT ^= BIT0 is the code that allows this

The clock cycle was delayed by 80000 in order to actually see the light go from high to low and back again because without this delay the LED would continiouslly be changing from high to low but too quickly for the human eye to see.