Pesudocode for Lab 1 Part 1

initialize system and car

initialize ports

set p3mdout pins using |= 0xD8 and also &= 0xDD

set p2mdout pins using &= 0xFE

loop through io

if the switch’s state has changed

if the switch is currently at true

set everything off and turn buzzer on

if either of the push button have changed state

if both are pressed

turn on buzzer

if #1 is pressed

green biled

if #2 is pressed

red biled

if both are released

turn everything off

end loop