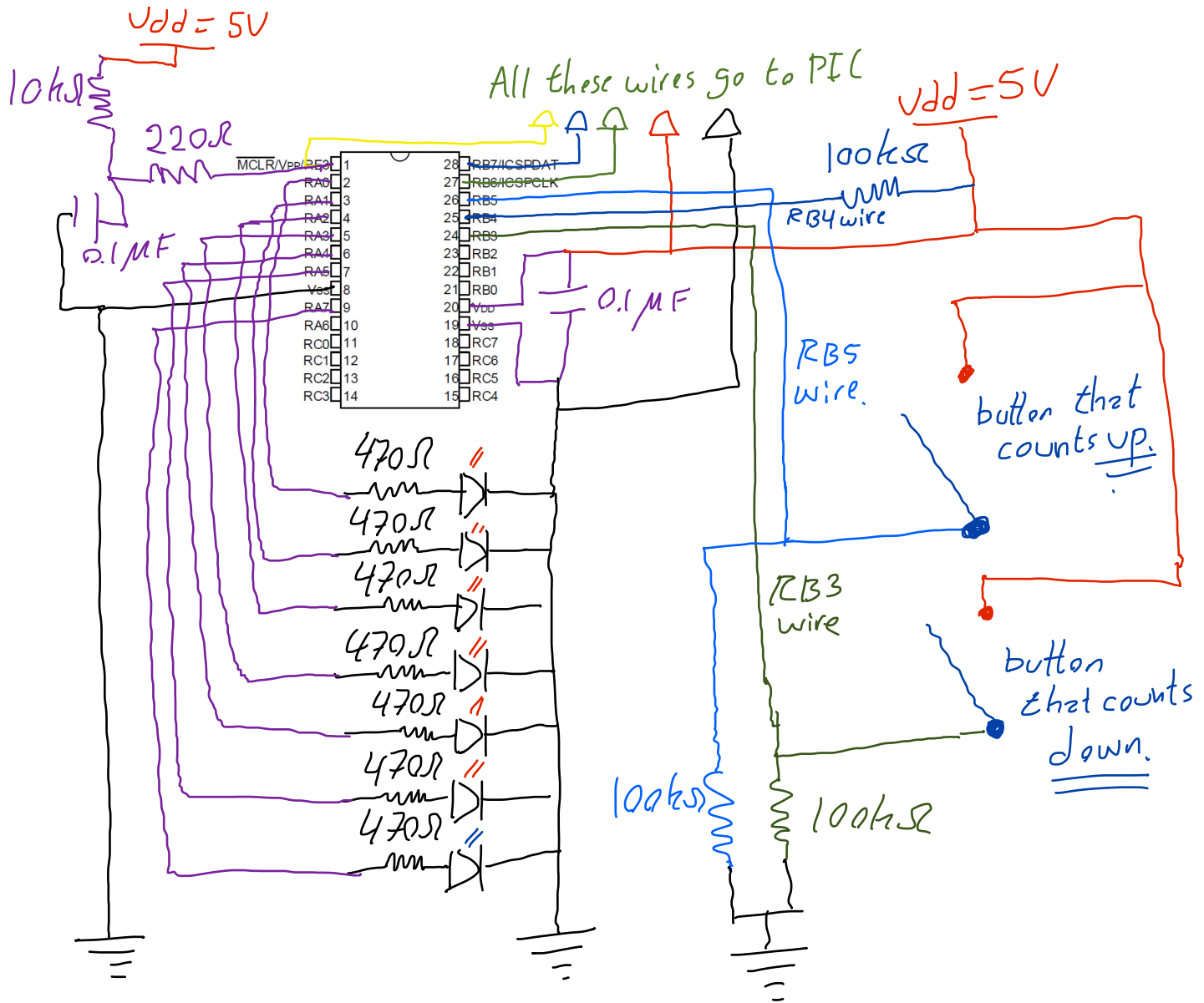
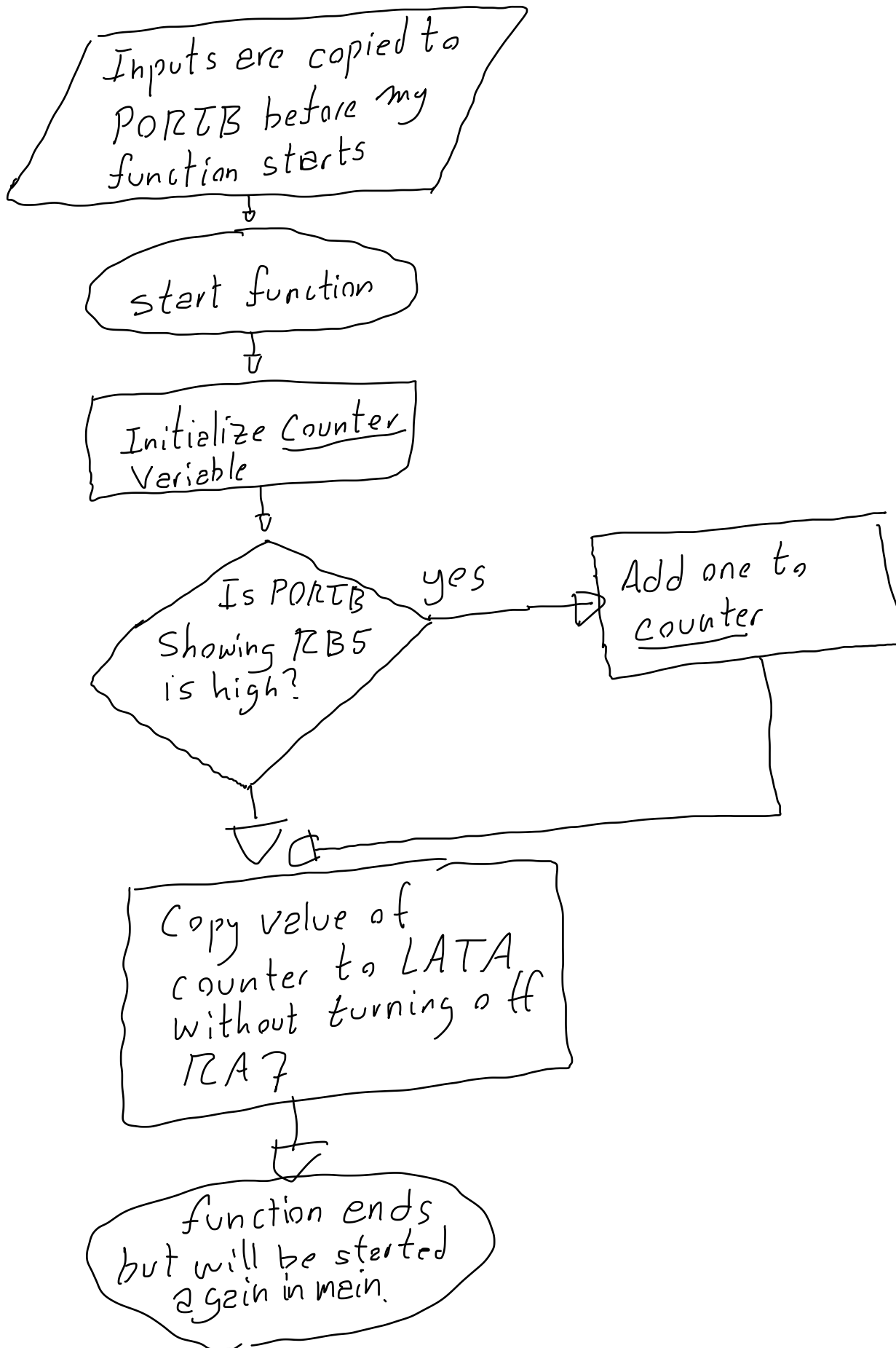


PIC Activity 4 Diagram.



PIC Activity 4 Flow Chart One.



PIC Activity 4 Program Flow Chart. 2

X means
don't care

Inputs are copied
to PORTB before
my function starts

start function

Declare variables as
needed.

Will declare
a static
counter variable.

One variable here
will be a static
u32 called
u32 PowerSwitch
which will be vital
to the "if" statements

This program
is designed
for two buttons
One to count up
One to count
down.

Is PORTB
Showing RB5 is
high and
PowerSwitch == 0xX1?

yes

1 Add one to my Counter
2 PowerSwitch = 0xX0
3 Pause for 2
fraction of a second

No

Is PORTB
Showing RB5
is low and
Power switch == 0xX0?

yes

1 PowerSwitch = 0xX1
2 Pause for 2
fraction of a second.

No

