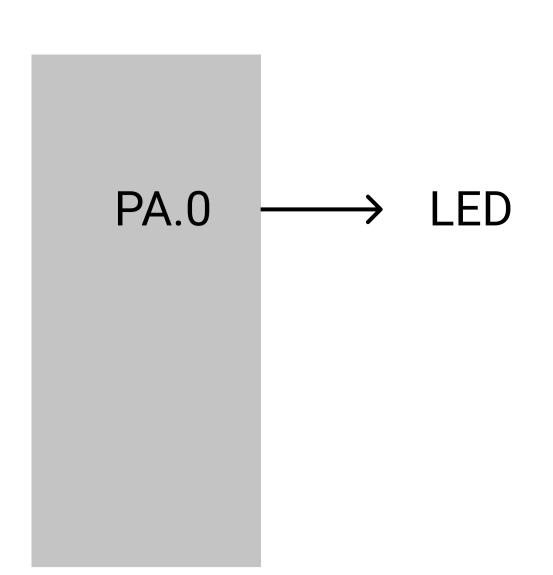
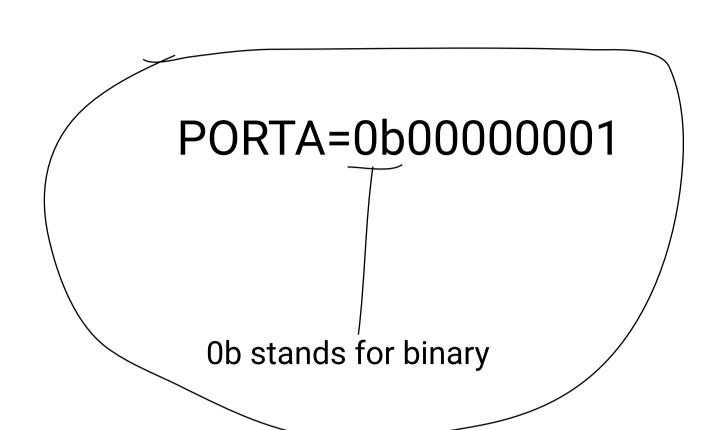
port initialization

lecture 2



76543210

pins from right to left HIGH: 1 LOW: 0



to power up pin 2 and 7 in port C

PORTC = 0b10000100

multi port initialization

PORTC = 0b00000001;

PA.4

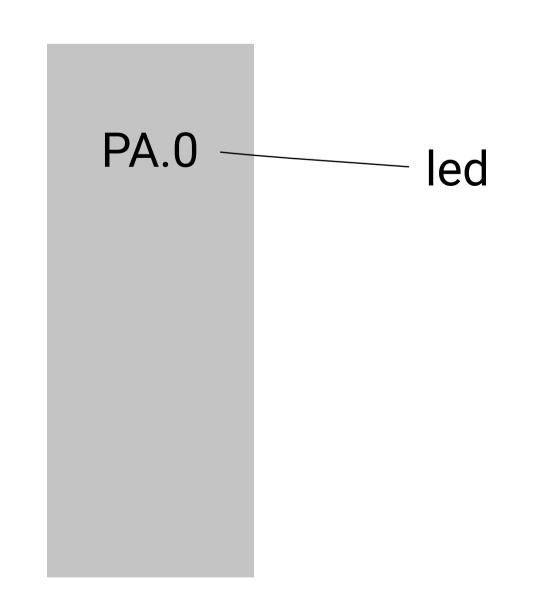
PORTA = 0b00040000;

PD.6

PORTD = 0b01000000;

if ports are different the we have use different lines to initialize ports and pins

port declaration type of port i.e. input or output type



DDRA=0b0000001; DDR: data direction register

input output

Port A

multi-port declaration & initialization

PC.7 PORTA = 0b10000100PC.2 DDRC = 0b10000100