;First lab program : LED’s ON

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.include "m32def.inc"

reset: ;Main program entry point on reset

ldi R16, 0b11111111 ;PA0,1,2,3,4,5,6,7 outputs (STK500 LEDs)

out DDRB, R16

forever:

ldi R17, 0b00000000 ;set STK500 LEDs ON

out PORTB, R17

rjmp forever ;repeat forever