

Mandatory Assignment

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1	Initialize port A as an output. Send 0xAA to port A
2	Set bit 4 in ddra with out disturbing the remaining bits.
3	Clear bit 3 in ddrb without disturbing the remaining bits.
4	Set bit 1,3,5 and 7 in DDRA without disturbing the remaining bits
5	Clear bit 0, 1, 2 and 3 in DDRA without disturbing the remaining bits
6	A switch is placed on PA3. If it is set then multiply r16 and r17 and send the result
to p	ortb (most significant byte) and portc (least significant byte). If PA3 is cleared add
r16	and r17 and send the result to portb.
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Solution

Cbi ddrb, 3

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- 7 Make a multiplier function using VIA calling convention