

Laboration 1

How to use PORTs. Digital I/O & subroutine calls.

1DT301

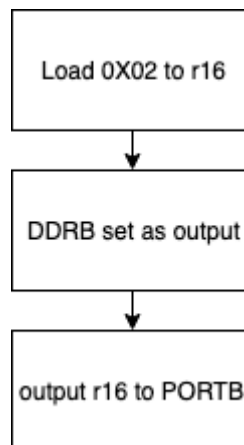
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A program which lights LED number two.

Notes: To find the minimum amount of instructions needed to light the LED we use the same register to both set DDRB and output PORTB.

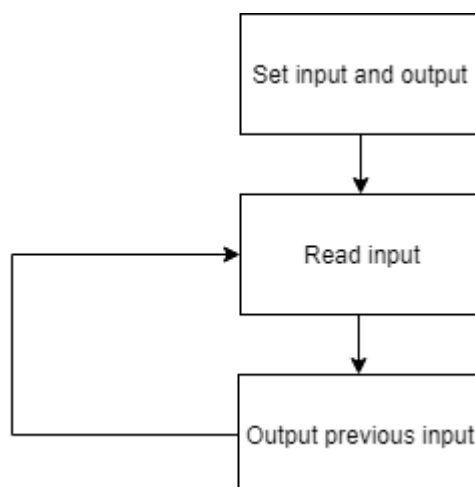


Task 2:

Reads a switch which lights corresponding LED.

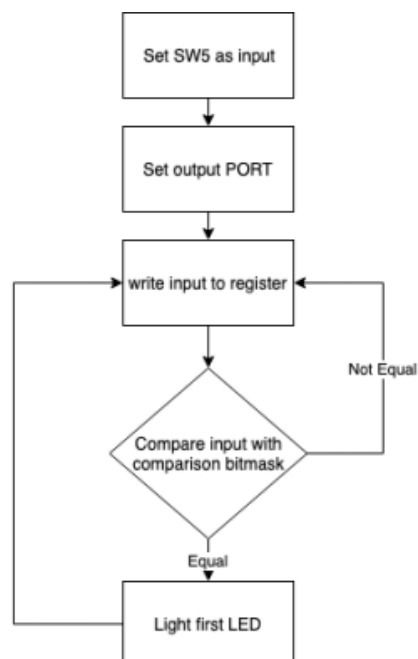
[illegible]

Notes: By using the same register for input and output we save some instructions.



Task 3:

Lights LED 0 when switch 5 is pressed.

[illegible]

Debugger running.

Debugger running.

For flowchart see Task 3.

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; Date: 2019-09-13
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[illegible]

