7447 through AVR-Assembly

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Abstract—This manual shows how to program the 7447 BCD-Seven segment display decoder through AVR-Assembly.

1 Components

Component	Value	Quantity
Resistor	220 Ohm	1
Arduino	UNO	1
Seven Segment Display		1
Decoder	7447	1
Jumper Wires	M-M	20
Breadboard		1

2 Controlling the Display

1. Connect the 7447 IC to the seven segment display.
2. Make connections between the 7447 and the arduino according to Table **??**

7447	D	C	B	A
Arduino	5	4	3	2

TABLE 2

3. Now generate the numbers 0-9 by modifying the above program.

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