

1 The initial value of DDRB is 0x00.

2 The initial value of PORTB is 0x00.

3 Port B by default is configured to be an input.

4 The stack pointer is initialized to 0x10FF

5 Once initialized, r0 has a value of 0xFF

6 The code inside of " LOOP" ran 5 times.

7 To change the number of times "LOOP" is executed one must change the value loaded into "i" on this line ldi i,\$04. To change the number of iterations, change the value \$04 to the desired number of iterations.

8 The current value of r1 at breakpoint 4 is 0xAA.

9 The current value of r2 at breakpoint 6 is 0x0F

10 the current value of r3 at breakpoint 7 is 0x0F

11 After entering the FUNCTION subroutine the stack pointer has a value of 0x10FD.

12 After the FUNCTION subroutine executes memory locations \$0105:\$0104 contain "ba 0e", (\$0105:ba, \$0104:0e)