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+00000000: 940C0046 JMP 0x000046
+00000002: 940C0063 JMP 0x000063
+00000004: 940C0063 JMP 0x000063
+00000006: 940C0063 JMP 0x000063
+00000008: 940C0063 JMP 0x000063
+0000000A: 940C0063 JMP 0x000063
+0000000C: 940C0063 JMP 0x000063
+0000000E: 940C0063 JMP 0x000063
+00000010: 940C0063 JMP 0x000063
+00000012: 940C0063 JMP 0x000063
+00000014: 940C0063 JMP 0x000063
+00000016: 940C0063 JMP 0x000063
+00000018: 940C0063 JMP 0x000063
+0000001A: 940C0063 JMP 0x000063
+0000001C: 940C0063 JMP 0x000063
+0000001E: 940C0063 JMP 0x000063
+00000020: 940C0063 JMP 0x000063
+00000022: 940C0063 JMP 0x000063
+00000024: 940C0063 JMP 0x000063
+00000026: 940C0063 JMP 0x000063
+00000028: 940C0063 JMP 0x000063
+0000002A: 940C0063 JMP 0x000063
+0000002C: 940C0063 JMP 0x000063
+0000002E: 940C0063 JMP 0x000063
+00000030: 940C0063 JMP 0x000063
+00000032: 940C0063 JMP 0x000063
+00000034: 940C0063 JMP 0x000063
+00000036: 940C0063 JMP 0x000063
+00000038: 940C0063 JMP 0x000063
+0000003A: 940C0063 JMP 0x000063
+0000003C: 940C0063 JMP 0x000063
+0000003E: 940C0063 JMP 0x000063
+00000040: 940C0063 JMP 0x000063
+00000042: 940C0063 JMP 0x000063
+00000044: 940C0063 JMP 0x000063
+00000046: 2411 CLR R1
+00000047: BE1F OUT 0x3F,R1
+00000048: EFCF LDI R28,0xFF
+00000049: E1D0 LDI R29,0x10

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; 0xFF = 0b11111111 = 255
; 0x10 = 0b00010000 = 16

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+0000004A:	BFDE	OUT	0x3E,R29	
+0000004B:	BFCD	OUT	0x3D,R28	
+0000004C:	E011	LDI	R17,0x01	; 0x01 = 0b00000001 = 1
+0000004D:	E0A0	LDI	R26,0x00	; 0x00 = 0b00000000 = 0
+0000004E:	E0B1	LDI	R27,0x01	; 0x01 = 0b00000001 = 1
+0000004F:	E2E2	LDI	R30,0x22	; 0x22 = 0b00100010 = 34
+00000050:	E0F1	LDI	R31,0x01	; 0x01 = 0b00000001 = 1
+00000051:	E000	LDI	R16,0x00	; 0x00 = 0b00000000 = 0
+00000052:	BF0B	OUT	0x3B,R16	
+00000053:	C002	RJMP	+0x0002	; Destination: 0x000056
+00000054:	9007	ELPM	R0,Z+	
+00000055:	920D	ST	X+,R0	
+00000056:	30A0	CPI	R26,0x00	; 0x00 = 0b00000000 = 0
+00000057:	07B1	CPC	R27,R17	
+00000058:	F7D9	BRNE	-0x05	; Destination: 0x000054
+00000059:	E011	LDI	R17,0x01	; 0x01 = 0b00000001 = 1
+0000005A:	E0A0	LDI	R26,0x00	; 0x00 = 0b00000000 = 0
+0000005B:	E0B1	LDI	R27,0x01	; 0x01 = 0b00000001 = 1
+0000005C:	C001	RJMP	+0x0001	; Destination: 0x00005E
+0000005D:	921D	ST	X+,R1	
+0000005E:	30A0	CPI	R26,0x00	; 0x00 = 0b00000000 = 0
+0000005F:	07B1	CPC	R27,R17	
+00000060:	F7E1	BRNE	-0x04	; Destination: 0x00005D
+00000061:	940C006F	JMP	0x00006F	
+00000063:	940C0000	JMP	0x000000	
+00000065:	E08F	LDI	R24,0x0F	; 0x0F = 0b00001111 = 15
+00000066:	BB88	OUT	0x18,R24	
+00000067:	E080	LDI	R24,0x00	; 0x00 = 0b00000000 = 0
+00000068:	E090	LDI	R25,0x00	; 0x00 = 0b00000000 = 0
+00000069:	9601	ADIW	R24,0x1	
+0000006A:	EF2F	LDI	R18,0xFF	; 0xFF = 0b11111111 = 255
+0000006B:	3F8F	CPI	R24,0xFF	; 0xFF = 0b11111111 = 255
+0000006C:	0792	CPC	R25,R18	
+0000006D:	F7D9	BRNE	-0x05	; Destination: 0x000069
+0000006E:	9508	RET		
+0000006F:	EF CF	LDI	R28,0xFF	; 0xFF = 0b11111111 = 255
+00000070:	E1D0	LDI	R29,0x10	; 0x10 = 0b00010000 = 16
+00000071:	BFDE	OUT	0x3E,R29	
+00000072:	BFCD	OUT	0x3D,R28	

+00000073:	EF8F	LDI	R24,0xFF	; 0xFF = 0b11111111 = 255
+00000074:	BB87	OUT	0x17,R24	
+00000075:	EF80	LDI	R24,0xF0	; 0xF0 = 0b11110000 = 240
+00000076:	BB88	OUT	0x18,R24	
+00000077:	E080	LDI	R24,0x00	; 0x00 = 0b00000000 = 0
+00000078:	E090	LDI	R25,0x00	; 0x00 = 0b00000000 = 0
+00000079:	9601	ADIW	R24,0x1	
+0000007A:	EF2F	LDI	R18,0xFF	; 0xFF = 0b11111111 = 255
+0000007B:	3F8F	CPI	R24,0xFF	; 0xFF = 0b11111111 = 255
+0000007C:	0792	CPC	R25,R18	
+0000007D:	F7D9	BRNE	-0x05	; Destination: 0x000079
+0000007E:	940E0065	CALL	0x000065	
+00000080:	E022	LDI	R18,0x02	; 0x02 = 0b00000010 = 2
+00000081:	EF8D	LDI	R24,0xFD	; 0xFD = 0b11111101 = 253
+00000082:	BB88	OUT	0x18,R24	
+00000083:	2F82	MOV	R24,R18	
+00000084:	9580	COM	R24	
+00000085:	BB88	OUT	0x18,R24	
+00000086:	0F22	ADD	R18,R18	
+00000087:	F409	BRNE	+0x01	; Destination: 0x000089
+00000088:	E021	LDI	R18,0x01	; 0x01 = 0b00000001 = 1
+00000089:	E080	LDI	R24,0x00	; 0x00 = 0b00000000 = 0
+0000008A:	E090	LDI	R25,0x00	; 0x00 = 0b00000000 = 0
+0000008B:	9601	ADIW	R24,0x1	
+0000008C:	EF3F	LDI	R19,0xFF	; 0xFF = 0b11111111 = 255
+0000008D:	3F8F	CPI	R24,0xFF	; 0xFF = 0b11111111 = 255
+0000008E:	0793	CPC	R25,R19	
+0000008F:	F7D9	BRNE	-0x05	; Destination: 0x00008B
+00000090:	CF72	RJMP	-0x000E	; Destination: 0x000083