Código

```
.EQU DDRD = 0x0A
.EQU PORTC = 8
.EQU PINC = 6
.EQU PORTD = 0x0B

Inicio:
    LDI R16,0xFF
    OUT DDRD,R16
    LDI R16,0x0F
    OUT PORTC,R16
    CLR R1
Ciclo:
    LDI R31,high(Tabla*2)
    LDI R30,low(Tabla*2)
    IN R17,PINC
    ANDI R17,0x0F
    ADD R30,R17
    ADC R31,R1
    LPM
    OUT PORTD, R0
    RJMP Ciclo

Tabla:
    .db
0xFC,0x60,0xDB,0xF3,0x66,0xB7,0xBE,0xE1,0xFE,0xF6,0xEE,0x3F,0x9C,0x7B,0x9E,0x8E
```

Instrucción	Codificación Binaria	Codificación hexadecimal
LDI R16,0xFF	1110 KKKK dddd KKKK K = FFh d = 10000b 1110 1111 0000 1111	EF0F
OUT DDRD,R16	1011 1AAr rrrr AAAA A = 0Ah r = 10000b 1011 1001 0000 1010	B90A
LDI R16,0x0F	1110 KKKK dddd KKKK K = 0F d = 10000b 1110 0000 0000 1111	E00F
OUT PORTC,R16	1011 1AAr rrrr AAAA A = 1000b r = 10000b 1011 1001 0000 1000	B908
CLR R1	0010 01dd dddd dddd d = 01b 0010 0100 0001 0001	2411

LDI R31,high(Tabla*2)	1110 KKKK dddd KKKK K = 00h d = 11111b 1110 0000 1111 0000	E0F0
LDI R30,low(Tabla*2)	1110 KKKK dddd KKKK K = D0h d = 11110b 1110 1101 1110 0000	EDE0
IN R17,PINC	1011 0AAd dddd AAAA A = 0110b d = 10001b 1011 0001 0001 0110	B116
ANDI R17,0x0F	0111 KKKK dddd KKKK K = 0Fh d = 10001b 0111 0000 0001 1111	701F
ADD R30,R17	0000 11rd dddd rrrr d = 11110b r = 10001b 0000 1111 0001 1110	0F1E
ADC R31,R1	0001 11rd dddd rrrr d = 11111b r = 00001b 0001 1101 1111 0001	1DF1
LPM	1001 0101 1100 1000	95C8
OUT PORTD, R0	1011 1AAr rrrr AAAA A = 1011b r = 0b 1011 1000 0000 1011	B80B
RJMP Ciclo	1100 kkkk kkkk kkkk k = -7 0111 1100 1111 1111 0111	CFF7