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1 ; *****
2 ; ** PROGRAM MAKED BY FADISHOP Card: FADILEDS http://www.fadishop.eu FADITECO, S.L.U. Lleonard G. **
3 ; ** This program decodes the analog potentiometer P0 reading a column of 16 LEDS **
4 ; ** The potentiometer P0 is connected to the output A.0. **
5 ; ** **
6 ; ** **
7 ; *****
8 #picaxe 28x2
9 ; SETTINGS
10 let dirsB=%11111111 ; 1=output 0=input
11 let dirsC=%11111111 ; 1=output 0=input
12 ; C.3 I2C_SCL
13 ; C.4 I2C_SDA
14 adcsetup = %00000000 ; SETTING ANALOG
15 ;setfreq em16 ; Resonador/oscilador externo a 16Mhz.
16 ; REITERATIVE EXECUTION
17 main:
18 readadc A.0,b0
19 if b0>15 then high C.0 else low C.0 endif
20 if b0>30 then high C.1 else low C.1 endif
21 if b0>45 then high C.2 else low C.2 endif
22 if b0>60 then high C.3 else low C.3 endif
23
24 if b0>75 then high C.4 else low C.4 endif
25 if b0>90 then high C.5 else low C.5 endif
26 if b0>105 then high C.6 else low C.6 endif
27 if b0>120 then high C.7 else low C.7 endif
28
29 if b0>135 then high B.0 else low B.0 endif
30 if b0>150 then high B.1 else low B.1 endif
31 if b0>165 then high B.2 else low B.2 endif
32 if b0>180 then high B.3 else low B.3 endif
33
34 if b0>195 then high B.4 else low B.4 endif
35 if b0>210 then high B.5 else low B.5 endif
36 if b0>225 then high B.6 else low B.6 endif
37 if b0>240 then high B.7 else low B.7 endif
38 goto main
```