

```

clear
define osc4
cmcon0=7
ansel=0

led var byte
ledstates var byte
trisstate var byte
delay var word
noghost var byte
noghost= %111111
delay= 1500
porta = %110111

main:
    for led = 0 to 3
        select case led
            case 0 : ledstates =%000 : trisstate =%111
            case 1 : ledstates =%010 : trisstate =%100
            case 2 : ledstates =%001 : trisstate =%100
            case 3 : ledstates =%100 : trisstate =%001
        end select
        trisio = noghost
        gpio = ( gpio & %111000) | ledstates
        trisio = (trisio & %111000) | trisstate
        pause delay
    next led
trisio = noghost
    for led = 0 to 2
        select case led
            case 0 : ledstates =%010 : trisstate =%001
            case 1 : ledstates =%100 : trisstate =%010
            case 2 : ledstates =%001 : trisstate =%010
        end select
        trisio = noghost
        gpio = ( gpio & %111000) | ledstates
        trisio = (trisio & %111000) | trisstate
        pause delay
    next led
trisio = noghost
goto main

end

```