



PROGRAMA:

```
#include <18f2520.h>
#fuses intrc,nomclr,nobrownout
#use delay(internal=8m)
int y=0;
#int_ext
void ext_e0(){
switch (y){
case 0:
y=y^0x2;
break;
case 2:
y=y^0x2;
break;
case 3:
y=y^0x1;
break;
}}
void main(){
enable_interrupts(global);
enable_interrupts(int_ext);
ext_int_edge(H_to_L);
while(true){
output_c(y);
if((input(pin_a1))&&(input(pin_a2)&&(y==1))){
y=0x3;}
if((!input(pin_a1))&&(!input(pin_a2)&&(y==2))){
y=0x0;
}
}
}
```