

Name: Emon Monsur

Partner Name: Rocio Diaz Garcia

sketch_oct15a

```
#define B00000000 0x0
#define Bxx111111 0x3F
#define Bxx000010 0x2
#define Bxx000001 0x1
#define LED_PIN 9
#define LED_PIN 8
int i = 0;

void setup() {
  Serial.begin(9600);
  DDRD = B00000000;
  DDRB = Bxx111111;
}

void lights() {
  char c = PIND;
}

void loop(){
  for(char c[i]; i<8; i++){
    if (c[i] == c[i+1]) {
      if (c[i] == 0) {
        PINB |= Bxx000010;
      }
      else {
        PINB |= Bxx000001;
      }
    }
  }
}
```

