

```
// wired cars server
// -----
//~ server
//~ -----
//~ | 2 | 3 | 4 |
//~ -----
//~ | 5 | 6 | 7 |
//~ -----
//~ read 3 PIRs, (analogin)
//~ read 3 photoresitors? contact mikes?

int controlPinArray[] = {2, 3, 4, 5, 6, 7};
int analogPir1 = 1;
int analogPir2 = 2;
int analogPir3 = 3;
int analogNoisePin = 0;
int randomNoise = 0;

void setup() {
  int count = 0;
  for (count=0;count<12;count++) {
    pinMode(controlPinArray[count], OUTPUT);
  }
}

void loop() {
  //randomNoise = analogRead(analogNoisePin);
  //randomNoise = randomNoise%6;
  debug();
  // simpleTest();
}

void debug() {
  int i = 0;
  for (i=0; i<6; i++) {
    digitalWrite(controlPinArray[i], HIGH);
    delay(100);
    digitalWrite(controlPinArray[i], LOW);
    delay(100);
    digitalWrite(controlPinArray[i], HIGH);
    delay(100);
    digitalWrite(controlPinArray[i], LOW);
    delay(200);

    digitalWrite(controlPinArray[i], HIGH);
    delay(100);
    digitalWrite(controlPinArray[i], LOW);
    delay(100);
    digitalWrite(controlPinArray[i], HIGH);
    delay(100);
    digitalWrite(controlPinArray[i], LOW);
    delay(200);

    digitalWrite(controlPinArray[i], HIGH);
    delay(500);
    digitalWrite(controlPinArray[i], LOW);
    delay(100);
    digitalWrite(controlPinArray[i], HIGH);
    delay(100);
    digitalWrite(controlPinArray[i], LOW);
    delay(1000);
  }
}
```

}

```
void simpleTest() {  
  digitalWrite(3, HIGH);  
  delay(50);  
  digitalWrite(3, LOW);  
  delay(50);  
  int i = 0;  
  for (i = 1; i < 200; i=i+20){  
    digitalWrite(3, HIGH);  
    delay(i);  
    digitalWrite(3, LOW);  
    delay(i);  
  }  
}
```

}