#include <IRremote.h>

#define irPin 3

IRrecv irrecv(irPin);

decode\_results results;

#define r1 5

int relay1 = LOW;

#define r2 6

int relay2 = LOW;

#define r3 7

int relay3 = LOW;

void setup()

{

irrecv.enableIRIn();

pinMode(r1, OUTPUT);

pinMode(r2, OUTPUT);

pinMode(r3, OUTPUT);

}

void loop() {

if (irrecv.decode(&results)) {

switch (results.value) {

case 33441975:

digitalWrite(r1,0);

digitalWrite(r2,0); //all off

digitalWrite(r3,0);

delay(250);

break;

case 33444015:

relay1 = ~ relay1;

digitalWrite(r1,relay1);

delay(250);

break;

case 33478695:

relay2 = ~ relay2;

digitalWrite(r2,relay2);

delay(250);

break;

case 33486855:

relay3 = ~ relay3;

digitalWrite(r3,relay3);

delay(250);

break;

}

irrecv.resume();

}

}