int neg1 = 13; //"neg1" is connected to the 13th digital pin of arduino

int neg2 = 12; //"neg2" is connected to the 12th digital pin of arduino

int neg3 = 11; //"neg3" is connected to the 11th digital pin of arduino

int neg4 = 10; //"neg4" is connected to the 10th digital pin of arduino

int neg5 = 9; //"neg5" is connected to the 9th digital pin of arduino

int neg6 = 8; //"neg6" is connected to the 8th digital pin of arduino

int neg7 = 7; //"neg7" is connected to the 7th digital pin of arduino

int neg8 = 6; //"neg8" is connected to the 6th digital pin of arduino

int neg9 = 5; //"neg9" is connected to the 5th digital pin of arduino

int pos1 = 4; //"pos1" is connected to the 4th digital pin of arduino

int pos2 = 3; //"pos2" is connected to the 3rd digital pin of arduino

int pos3 = 2; //"pos3" is connected to the 2nd digital pin of arduino

int delay\_time=100, j=0;

// the setup routine runs once when you press reset:

void setup() {

// initialize the digital pin as an output.

pinMode(neg1, OUTPUT);

pinMode(neg2, OUTPUT);

pinMode(neg3, OUTPUT);

pinMode(neg4, OUTPUT);

pinMode(neg5, OUTPUT);

pinMode(neg6, OUTPUT);

pinMode(neg7, OUTPUT);

pinMode(neg8, OUTPUT);

pinMode(neg9, OUTPUT);

pinMode(pos1, OUTPUT);

pinMode(pos2, OUTPUT);

pinMode(pos3, OUTPUT);

}

// the loop routine runs over and over again forever:

void loop() {

for(j=0;j<6;j++)

{

digitalWrite(pos1, HIGH);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

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digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

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delay(150);

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digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

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digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

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digitalWrite(neg2, HIGH);

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digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, HIGH);

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digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

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digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

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digitalWrite(pos2, LOW);

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digitalWrite(neg9, LOW);

delay(150);

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delay(150);

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delay(150);

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delay(150);

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digitalWrite(neg5, LOW);

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digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

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digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(delay\_time);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

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delay(delay\_time);

digitalWrite(neg1, LOW);

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digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

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digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

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digitalWrite(neg5, LOW);

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delay(delay\_time);

digitalWrite(neg1, LOW);

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digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

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delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

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digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

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delay(delay\_time);

digitalWrite(neg1, LOW);

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digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

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digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

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digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

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digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(delay\_time);

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digitalWrite(neg2, LOW);

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digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

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digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

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digitalWrite(neg6, HIGH);

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digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

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digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

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digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

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digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(pos1, HIGH);

digitalWrite(pos2, LOW);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(delay\_time);

digitalWrite(pos1, LOW);

digitalWrite(pos2, HIGH);

digitalWrite(pos3, HIGH);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(delay\_time);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(200);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, LOW);

digitalWrite(neg3, HIGH);

digitalWrite(neg4, LOW);

digitalWrite(neg5, LOW);

digitalWrite(neg6, HIGH);

digitalWrite(neg7, LOW);

digitalWrite(neg8, LOW);

digitalWrite(neg9, HIGH);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, LOW);

digitalWrite(neg2, HIGH);

digitalWrite(neg3, LOW);

digitalWrite(neg4, LOW);

digitalWrite(neg5, HIGH);

digitalWrite(neg6, LOW);

digitalWrite(neg7, LOW);

digitalWrite(neg8, HIGH);

digitalWrite(neg9, LOW);

delay(150);

digitalWrite(pos1, LOW);

digitalWrite(pos2, LOW);

digitalWrite(pos3, LOW);

digitalWrite(neg1, HIGH);

digitalWrite(neg2, LOW);

digitalWrite(neg3, LOW);

digitalWrite(neg4, HIGH);

digitalWrite(neg5, LOW);

digitalWrite(neg6, LOW);

digitalWrite(neg7, HIGH);

digitalWrite(neg8, LOW);

digitalWrite(neg9, LOW);

delay(150);

}

}