int pwmA = 10;

int pwmB = 11;

int enA = 12;

int enB = 13;

int buz = 4;

void setup()

{

pinMode(pwmA, OUTPUT);

pinMode(pwmB, OUTPUT);

pinMode(enA, OUTPUT);

pinMode(enB, OUTPUT);

pinMode(buz, OUTPUT);

}

void loop()

{

for (int x = 50; x < 200; x++)

{

digitalWrite(enA, HIGH);

digitalWrite(enB, HIGH);

analogWrite(pwmA, x);

analogWrite(pwmB, x);

delay(10);

}

for (int y = 200; y > 50; y--)

{

digitalWrite(enA, HIGH);

digitalWrite(enB, HIGH);

digitalWrite(buz, HIGH);

analogWrite(pwmA, y);

analogWrite(pwmB, y);

delay(1);

}

digitalWrite(buz, LOW);

delay(1000);

}