int ledpin=9;

void setup() {

// put your setup code here, to run once:

pinMode(ledpin,OUTPUT);

}

void loop() {

// put your main code here, to run repeatedly:

analogWrite(ledpin,512);

delay(500);

analogWrite(ledpin,256);

delay(500);

analogWrite(ledpin,128);

delay(500);

analogWrite(ledpin,0);

delay(100);

}