void setup()

{

pinMode(A0, INPUT);

pinMode(3, OUTPUT);

pinMode(A1, INPUT);

pinMode(5, OUTPUT);

pinMode(A2, INPUT);

pinMode(6, OUTPUT);

}

void loop()

{

analogWrite(3, analogRead(A0));

analogWrite(5, analogRead(A1));

analogWrite(6, analogRead(A2));

delay(10); // Delay a little bit to improve simulation performance

}