Code:

void setup()

{

Serial.begin(9600);

pinMode(3,OUTPUT);

pinMode(7,INPUT);

}

void loop()

{

int motion = digitalRead(4);

double data = analogRead(A2);

double n =data/1024;

double volt= n\*5;

double off=volt-0.5;

double temp= off\*100;

if(temp>60){

tone(2,1000,1000);

}

else if(motion==1){

tone(2,2000,1000);

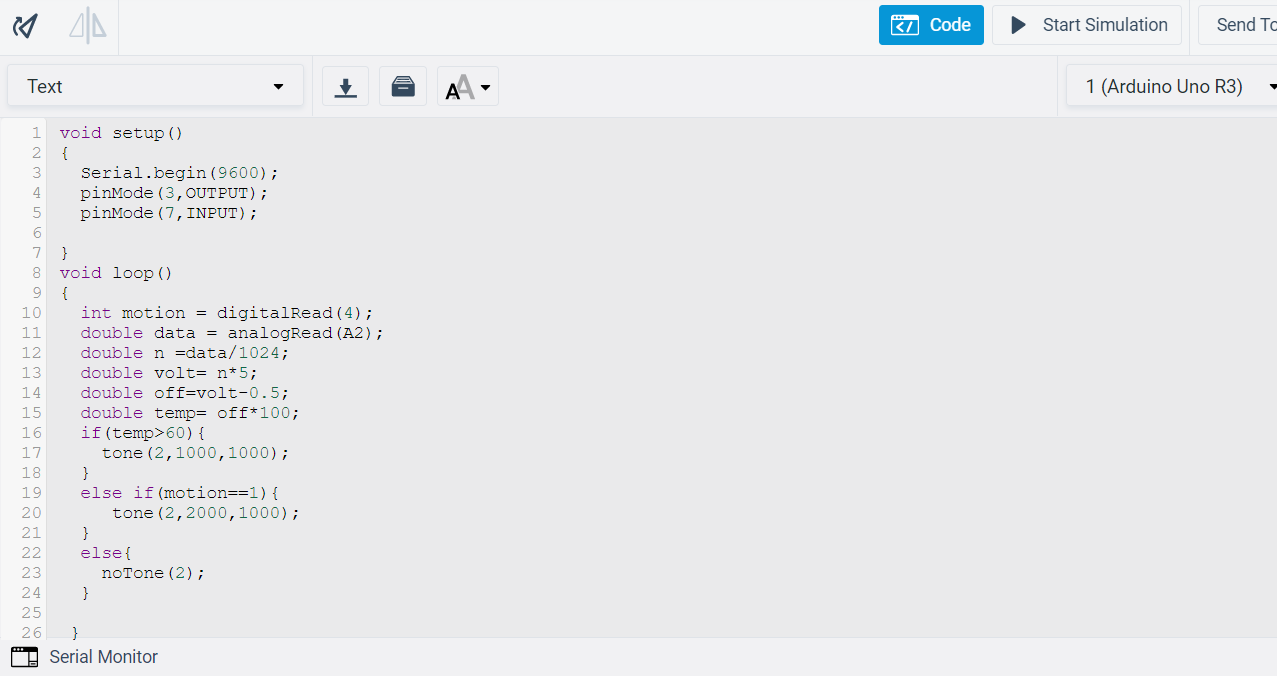
}

else{

noTone(2);

}

}



Circuit diagram:

