

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);

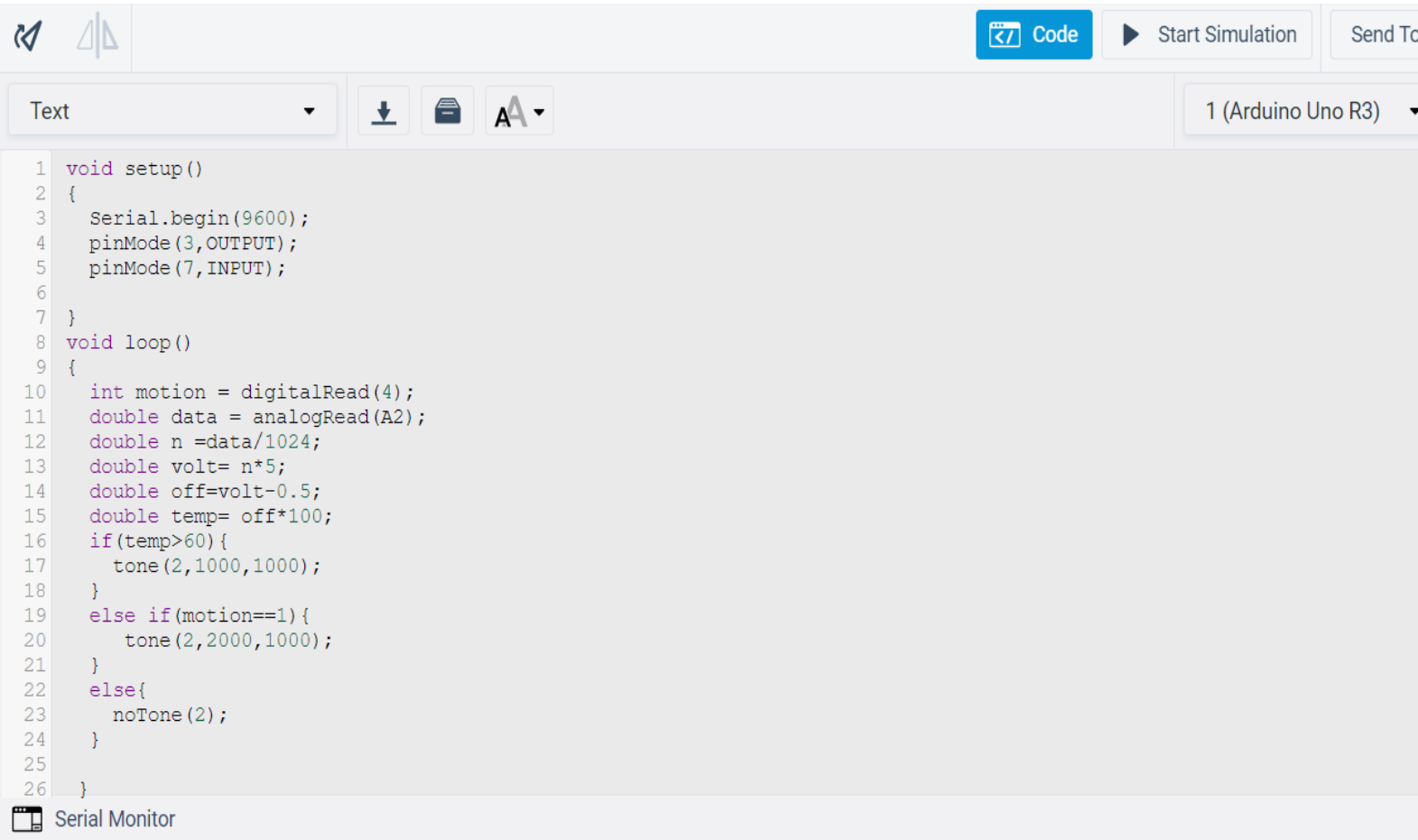
  }

  else{

    noTone(2);

  }

}
```



Circuit diagram:

