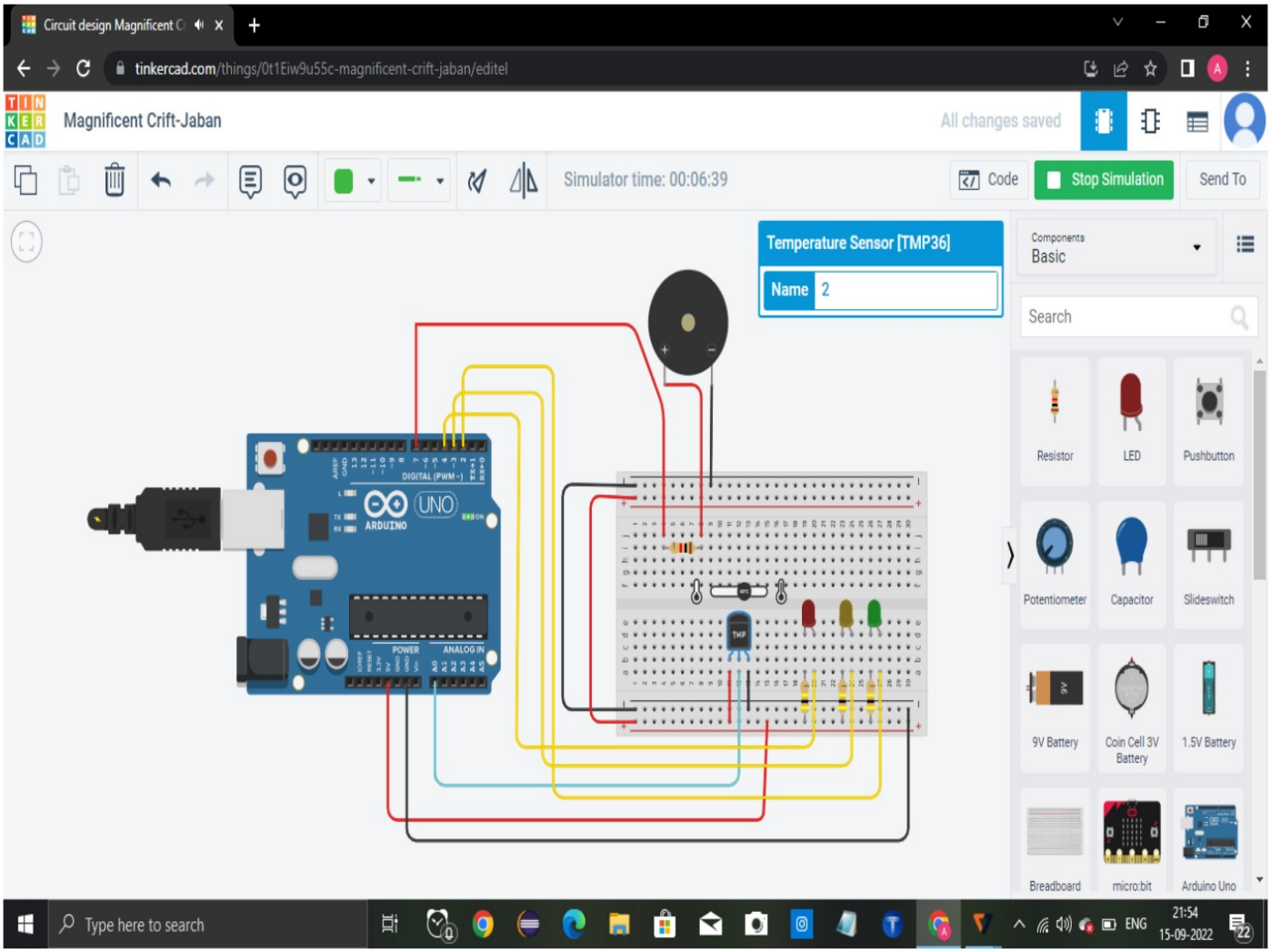
```
float temp;
void setup()
{

pinMode(4,INPUT);
pinMode(12,OUTPUT);
Serial.begin(9600);


}


void loop()
{
if(digitalRead(4)==HIGH)
{
tone(12,523,1000);

} else {
noTone(12);
}
temp=analogRead(A3);
Serial.println(&amp;quot;temp;&amp;quot;);
Serial.println(temp);
temp=temp*0.48828125;
Serial.println(temp);
```

```
if(temp&gt;=110.84){

tone(12,100,2000);

Serial.println(&quot;Above 60c temperature&quot;);

}

else{

noTone(12);

}

}
```



```
int pinSensor =2;

int pinLed =12;

int pinBuzzer =13;

int pinSensor =0;


void setup()

{

  pinMode(pinSensor, INPUT);

  pinMode(pinLed, OUTPUT);

  pinMode(pinBuzzer, OUTPUT);


}


void loop()

{


pirSensor = digitalRead(pinSensor);

if (pirSensor == HIGH)


{


digitalWrite(pinLed, HIGH);

tone(pinBuzzer, 1000, 500);


}
```

```
else{


digitalWrite(pinLed, LOW);

}

delay(10);
```