

```
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(&quot;temp;&quot;);

  Serial.println(temp);

  temp=temp*0.48828125;

  Serial.println(temp);
```

```

if(temp>=110.84){

tone(12,100,2000);

Serial.println("Above 60c temperature");

}

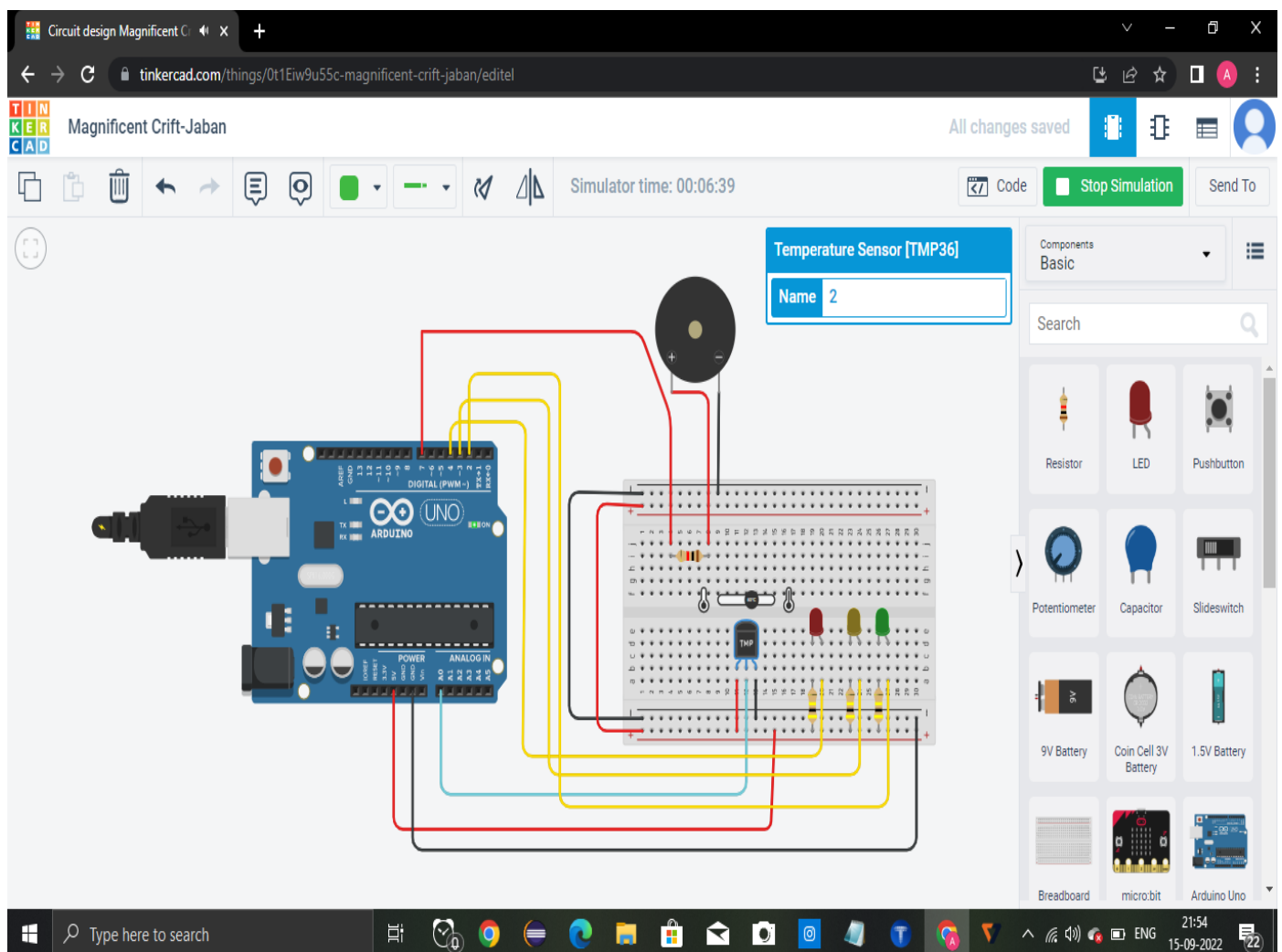
else{

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);
```

```
}
```

```
delay(10);
```

