





assignment1

Saving...

Code Start Simulation Send To

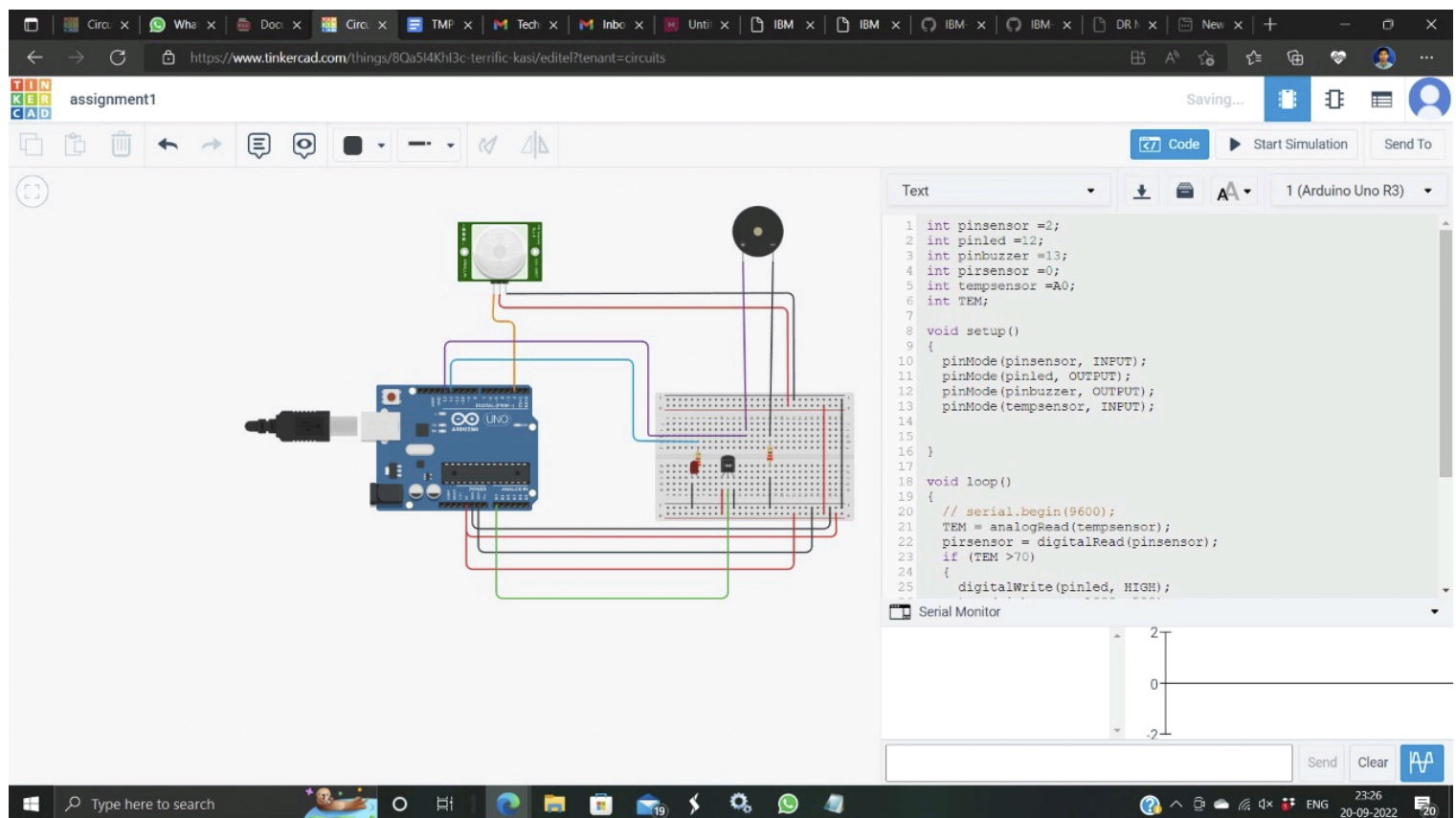
Text 1 (Arduino Uno R3)

```
1 int pinsensor =2;
2 int pinled =12;
3 int pinbuzzer =13;
4 int pirsensor =0;
5 int tempsensor =A0;
6 int TEM;
7
8 void setup()
9 {
10  pinMode(pinsensor, INPUT);
11  pinMode(pinled, OUTPUT);
12  pinMode(pinbuzzer, OUTPUT);
13  pinMode(tempsensor, INPUT);
14
15
16 }
17
18 void loop()
19 {
20  // serial.begin(9600);
21  TEM = analogRead(tempsensor);
22  pirsensor = digitalRead(pinsensor);
23  if (TEM >70)
24  {
25    digitalWrite(pinled, HIGH);
```

Serial Monitor

2  
0  
-2

Send Clear



assignment1

Saving...

Code Start Simulation Send To

Text 1 (Arduino Uno R3)

```
1 int pinsensor =2;
2 int pinled =12;
3 int pinbuzzer =13;
4 int pinsensor =0;
5 int tempsensor =A0;
6 int TEM;
7
8 void setup()
9 {
10  pinMode(pinsensor, INPUT);
11  pinMode(pinled, OUTPUT);
12  pinMode(pinbuzzer, OUTPUT);
13  pinMode(tempsensor, INPUT);
14
15
16 }
17
18 void loop()
19 {
20  // serial.begin(9600);
21  TEM = analogRead(tempsensor);
22  pinsensor = digitalRead(pinsensor);
23  if (TEM >70)
24  {
25    digitalWrite(pinled, HIGH);
26    tone(pinbuzzer, 1000, 500);
27  }
28
29  else{
30    digitalWrite(pinled, LOW);
31  }
32
33  delay(10);
34
35 }
36
```

Serial Monitor

Circuit design Assignm... x WhatsApp x IBM x IoT-B2-2M4E(Evening x IBM x Circuit design Terrific x in tinkercad designin... x

← → ↺ <https://www.tinkercad.com/things/8Qa514Kh13c-terrific-kasi/editel?tenant=circuits> A+ ⚙️ 🏠 🔍 👤 ...

Terrific Kasi All changes saved

Code Start Simulation Send To

Windows Type here to search

🔍 📅 19 ⚙️ 📞 11:22 20-09-2022 ENG

