Mahesh K S

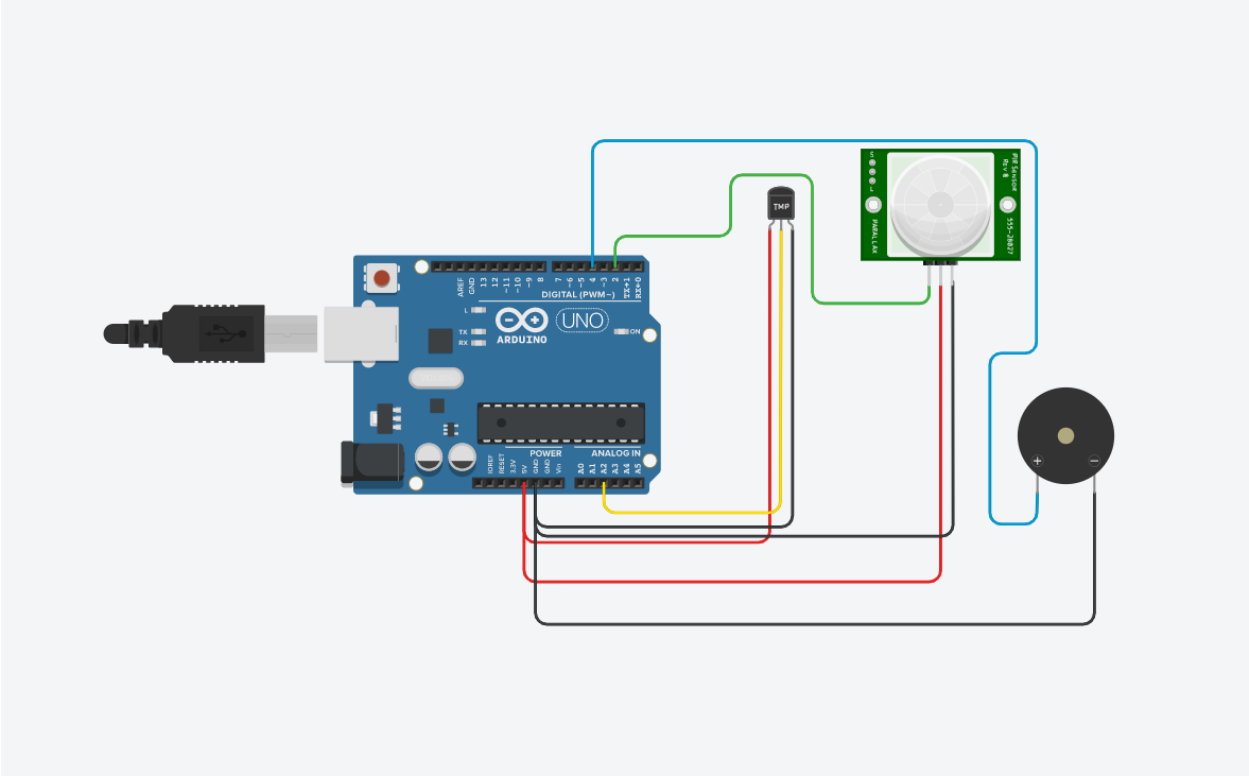
Government college of Engineering,Thanjavur

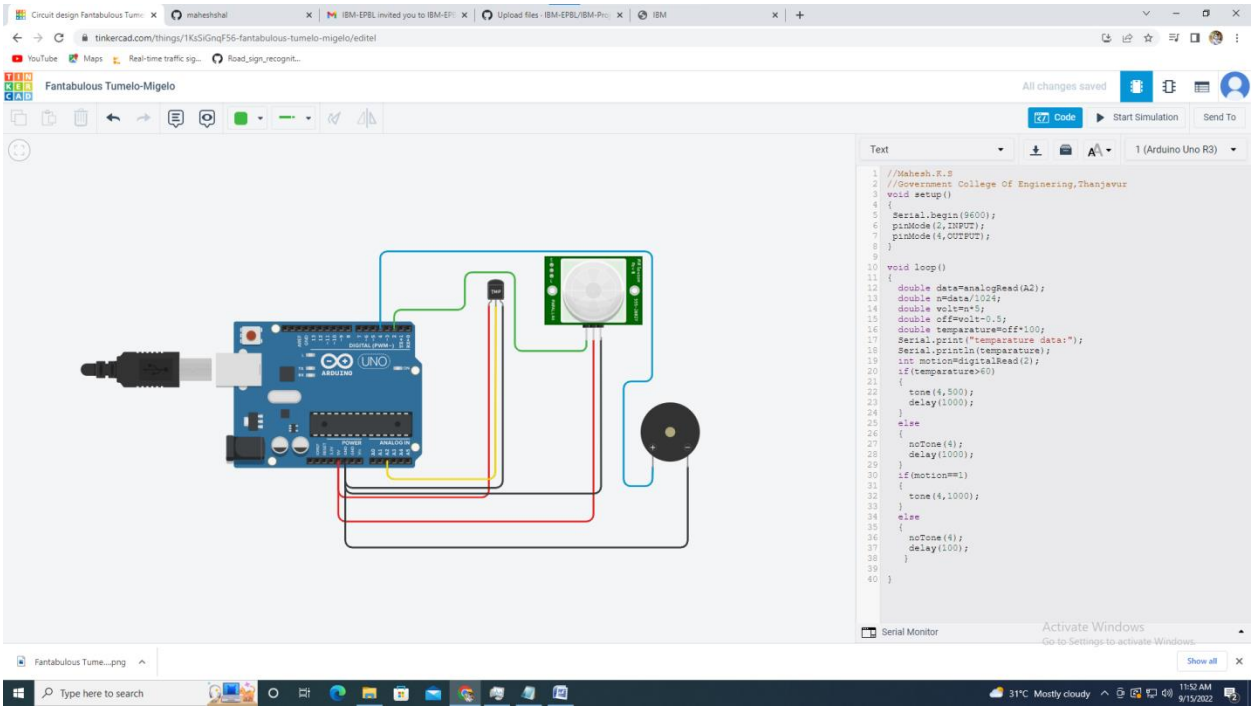
My code:

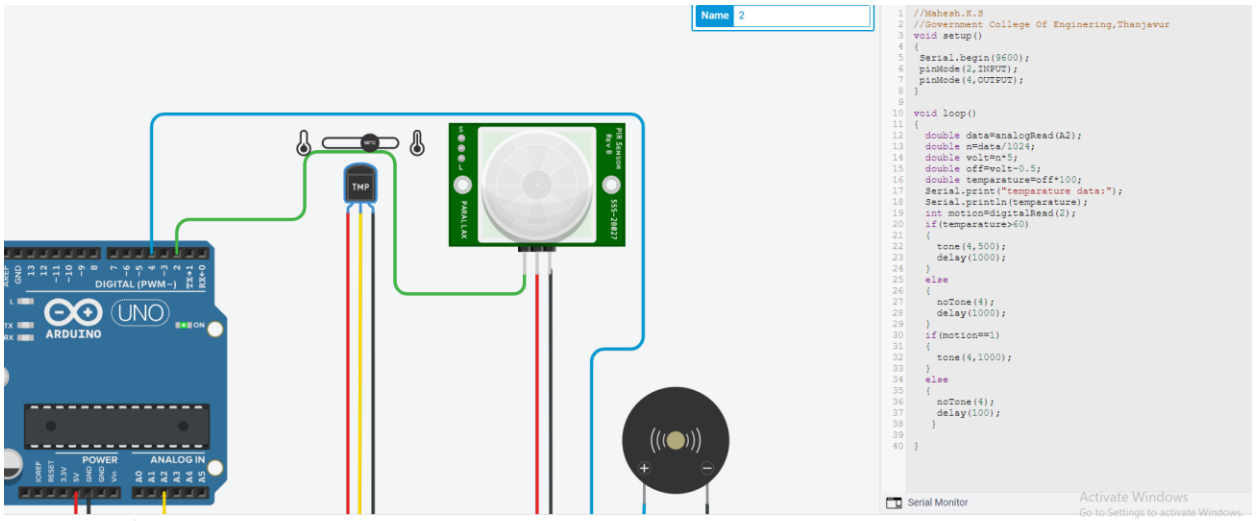
```
//Mahesh.K.S
//Government College Of Enginering,Thanjavur
void setup()
{
 Serial.begin(9600);
 pinMode(2,INPUT);
 pinMode(4,OUTPUT);
}

void loop()
{
  double data=analogRead(A2);
  double n=data/1024;
  double volt=n*5;
  double off=volt-0.5;
  double temparature=off*100;
  Serial.print("temparature data:");
  Serial.println(temparature);
  int motion=digitalRead(2);
```

```
  if(temparature>60)
  {
    tone(4,500);
    delay(1000);
  }
  else
  {
    noTone(4);
    delay(1000);
  }
  if(motion==1)
  {
    tone(4,1000);
  }
  else
  {
    noTone(4);
    delay(100);
   }

}
```

Screen shots:






Name 2
//Mahesh.K.S
//Government College Of Enginering,Thanjavur
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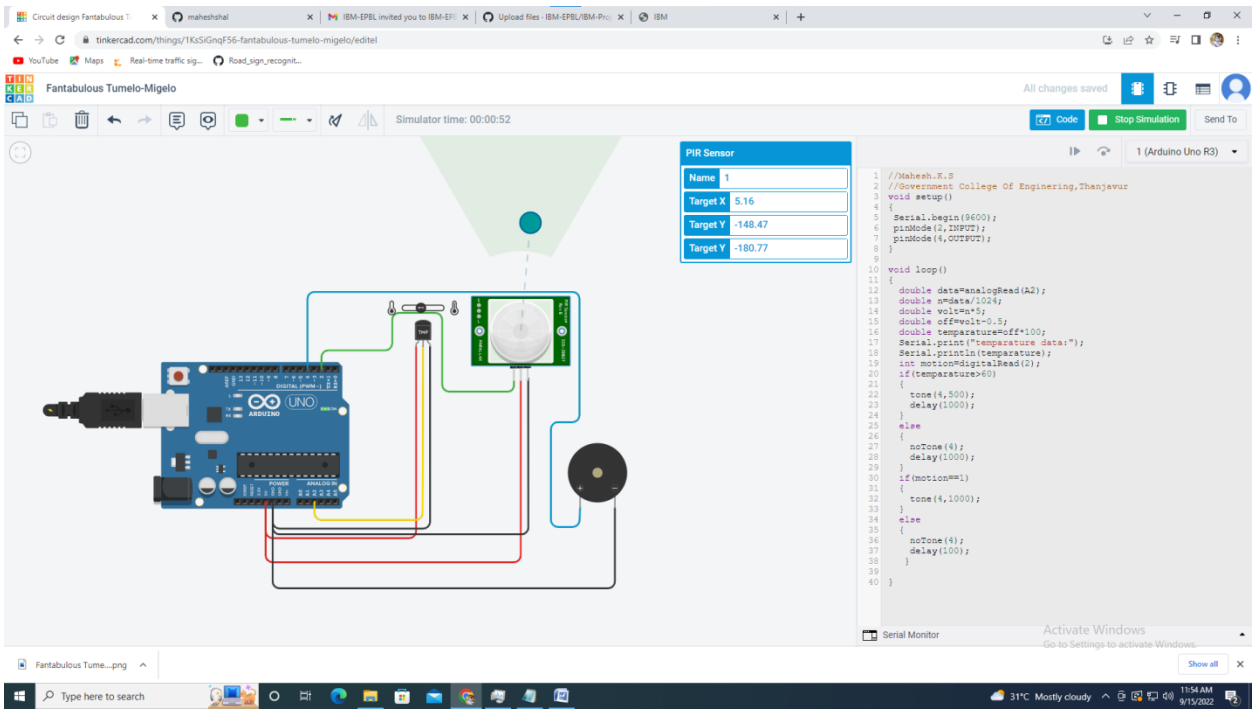
{
tone(4,1000);
}
else
{
noTone(4);
delay(100);
}
}
Serial Monitor
Activate Windows
Go to Settings to activate Windows.
Fantabulous Tume....png
Show


Circuit design Fantabulous T...
tinkercad.com/things/1KsSiGnqF56-fantabulous-tumelo-migelo/editel
Fantabulous Tumelo-Migelo
All changes saved
Simulator time: 00:00:52
Code
Stop Simulation
Send To
1 (Arduino Uno R3)
PIR Sensor
Name 1
Target X 5.16
Target Y -148.47
Target Y -180.77
//Mahesh.K.S
//Government College Of Enginering,Thanjavur
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}
Serial Monitor
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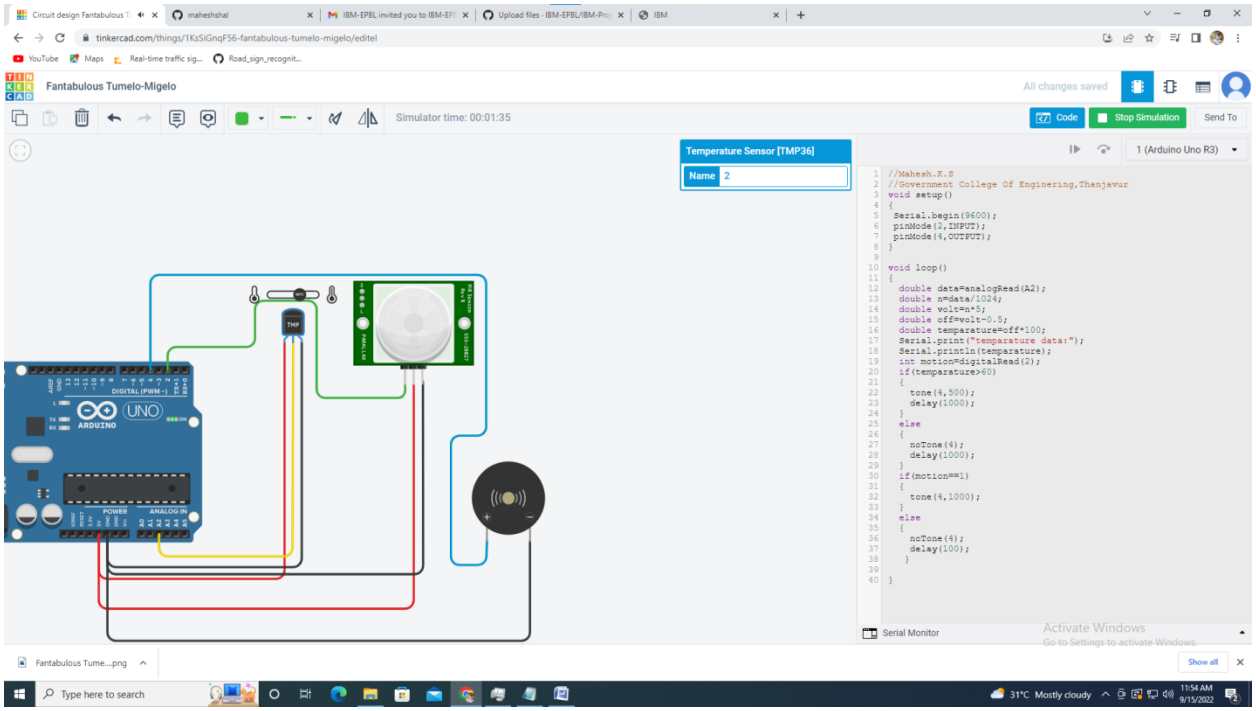
Fantabulous Tume....png
Show all
Type here to search
31°C Mostly cloudy
11:54 AM
9/15/2022


Fantabulous Tumelo-Migelo
All changes saved
Simulator time: 00:01:35
Code
Stop Simulation
Send To
Temperature Sensor [TMP36]
Name 2
1 (Arduino Uno R3)
//Mahesh.K.S
//Government College Of Enginering,Thanjavur
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