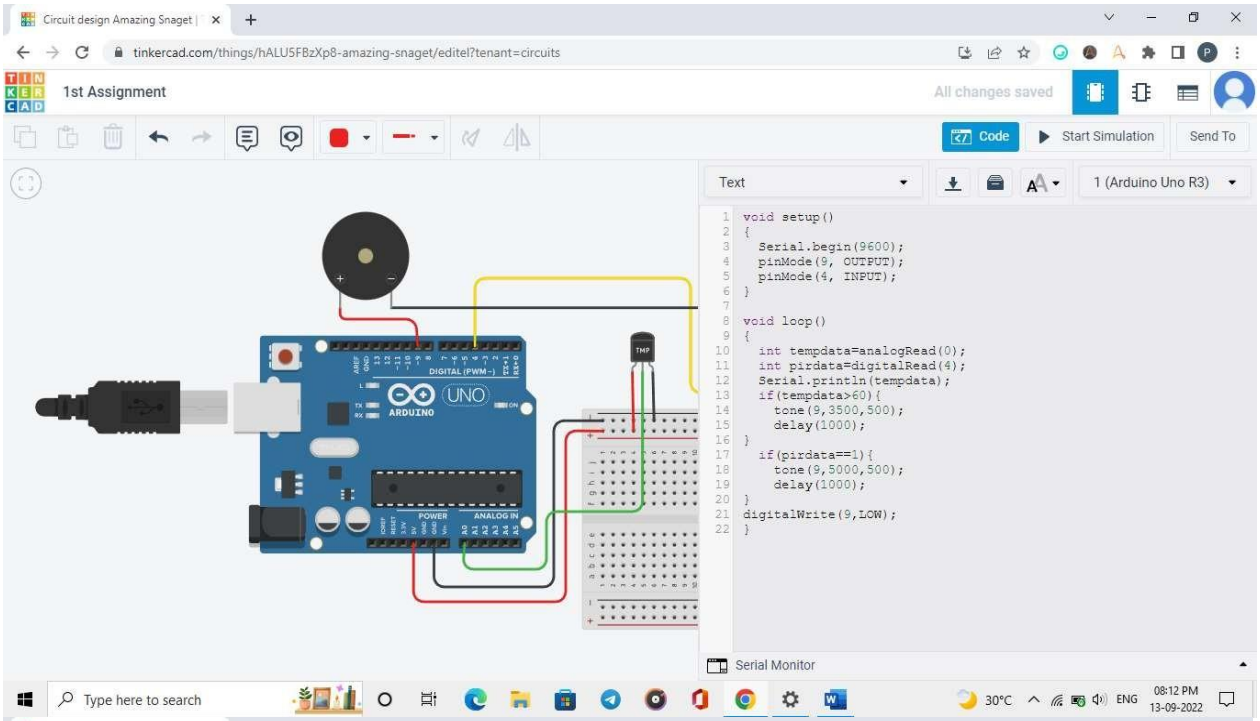
Assignment -1

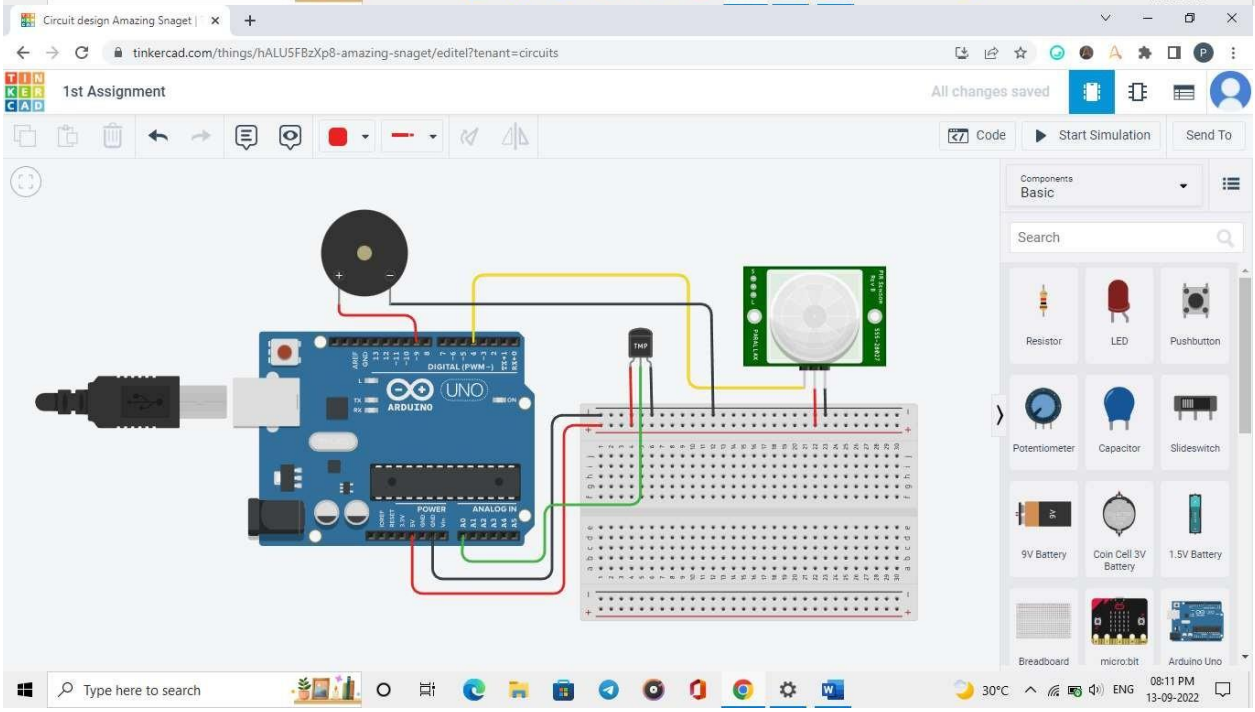
Assignment Date	16th September 2022
Student Name	MOHANRAM K
Student Roll Number	111519106091
Team Id	PNT2022TMID15034
Maximum Marks	2 Marks

Code:

```
void setup()
{
  Serial.begin(9600);
  pinMode(9, OUTPUT);
  pinMode(4, INPUT);
}
void loop()
{
  int tempdata=analogRead(0); int
  pirdata=digitalRead(4);
  Serial.println(tempdata);
  if(tempdata>60){ tone(9,3500,500);
  delay(1000);
}
  if(pirdata==1){
        tone(9,5000,500);
        delay(1000);
}
digitalWrite(9,LOW);
}
```

Output:


Circuit design Amazing Snaget
tinkercad.com/things/hALU5FBzXp8-amazing-snaget/editel?tenant=circuits
1st Assignment
All changes saved
Code
Start Simulation
Send To
Text
1 (Arduino Uno R3)
void setup()
{
Serial.begin(9600);
pinMode(9, OUTPUT);
pinMode(4, INPUT);
}
void loop()
{
int tempdata=analogRead(0);
int pirdata=digitalRead(4);
Serial.println(tempdata);
if(tempdata>60){
tone(9,3500,500);
delay(1000);
}
if(pirdata==1){
tone(9,5000,500);
delay(1000);
}
digitalWrite(9,LOW);
}
Serial Monitor
Type here to search
30°C
ENG
08:12 PM
13-09-2022


Circuit design Amazing Snaget
tinkercad.com/things/hALU5FBzXp8-amazing-snaget/editel?tenant=circuits
1st Assignment
All changes saved
Code
Start Simulation
Send To
Components
Basic
Search
Resistor
LED
Pushbutton
Potentiometer
Capacitor
Slideswitch
9V Battery
Coin Cell 3V Battery
1.5V Battery
Breadboard
micro:bit
Arduino Uno
Type here to search
30°C
ENG
08:11 PM
13-09-2022