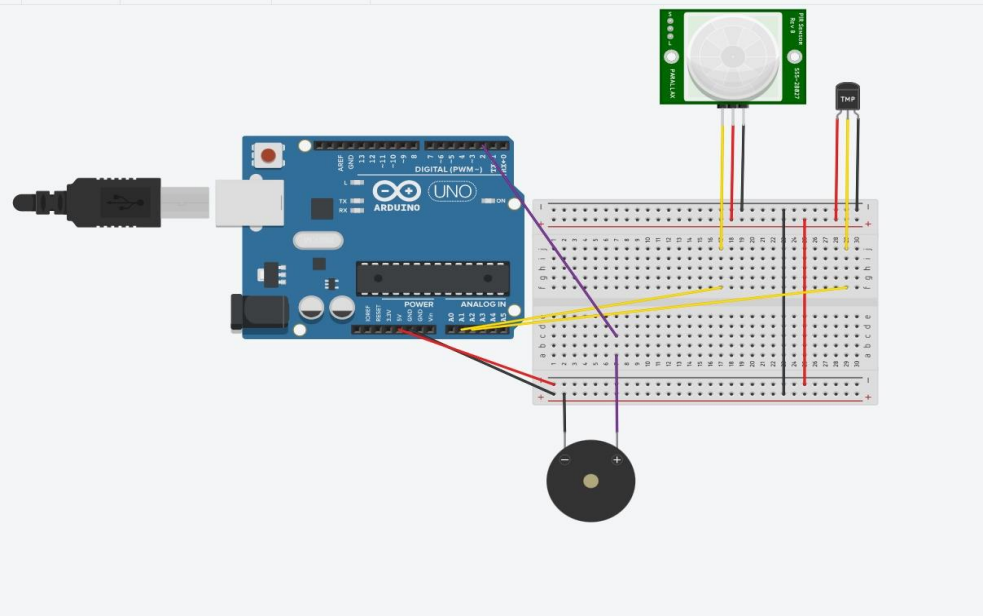
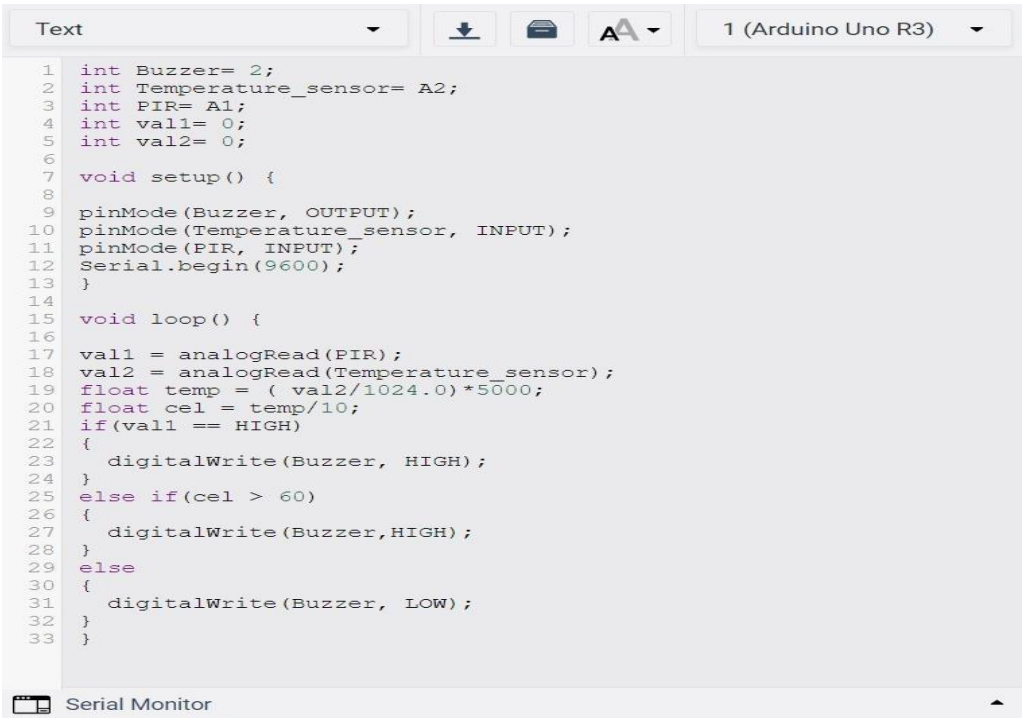
ASSESSMENT 1

NAME : RITHANYAA V

ROLL NO: 711319EC086






```
int Buzzer= 2;
int Temperature_sensor= A2;
int PIR= A1;
int val1= 0;
int val2= 0;

void setup() {

pinMode(Buzzer, OUTPUT);
pinMode(Temperature_sensor, INPUT);
pinMode(PIR, INPUT);
Serial.begin(9600);
}

void loop() {

val1 = analogRead(PIR);
val2 = analogRead(Temperature_sensor);
float temp = ( val2/1024.0)*5000;
float cel = temp/10;
if(val1 == HIGH)
{
  digitalWrite(Buzzer, HIGH);
}
else if(cel > 60)
{
  digitalWrite(Buzzer,HIGH);
}
else
{
  digitalWrite(Buzzer, LOW);
}
}
```

CODE :

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