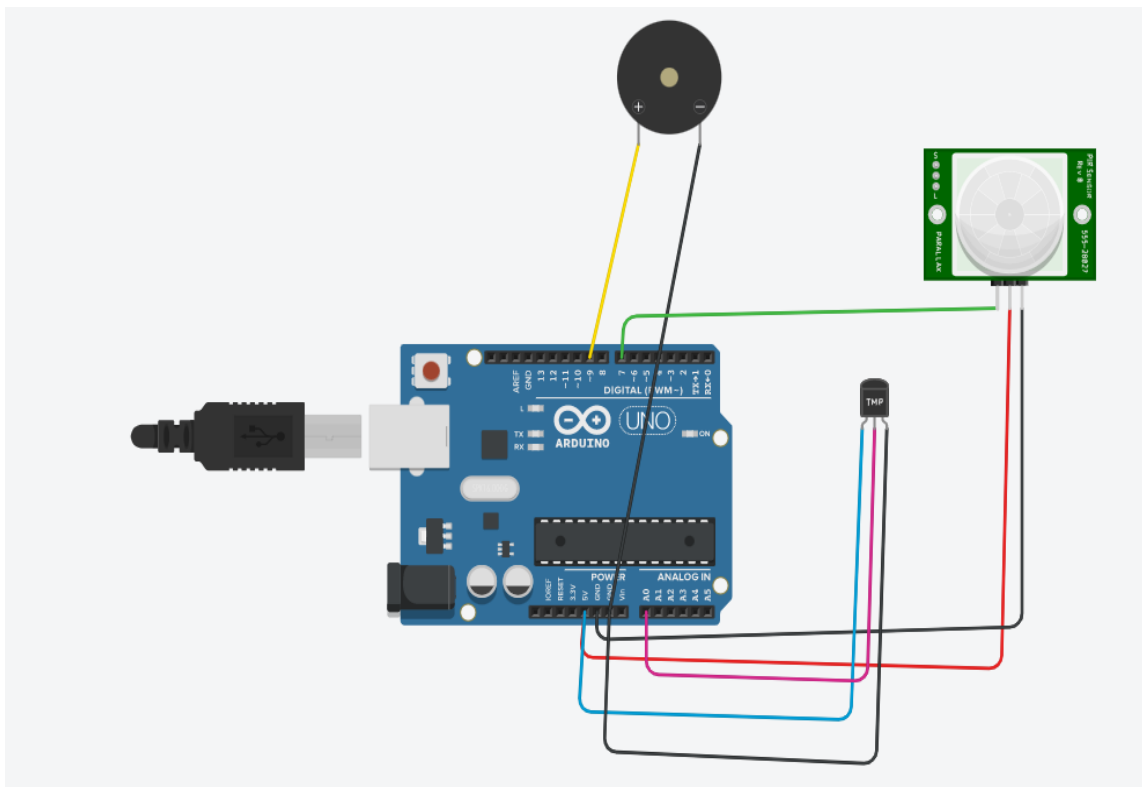


VEL TECH HIGH TECH
Dr. RANGARAJAN Dr. SAKUNTHALA
ENGINEERING COLLEGE

PIEZO ALARM WITH PIR SENSOR AND TEMPERATURE
SENSOR

CIRCUIT DIAGRAM:



CODE:

```
float a;

void setup()
{
  pinMode(7, INPUT);
  pinMode(9, OUTPUT);
}

void loop()
{
  a=analogRead(0);
  a=a*0.0048828125;
  a=(a-0.5)*100;
  {
    if ((digitalRead(7)==HIGH) || (a>60)){
      digitalWrite(9, HIGH);
      tone(9, 523, 1000);
    }
    else
    {
      digitalWrite(9, LOW);
      noTone(9);
    }
  }
}
```