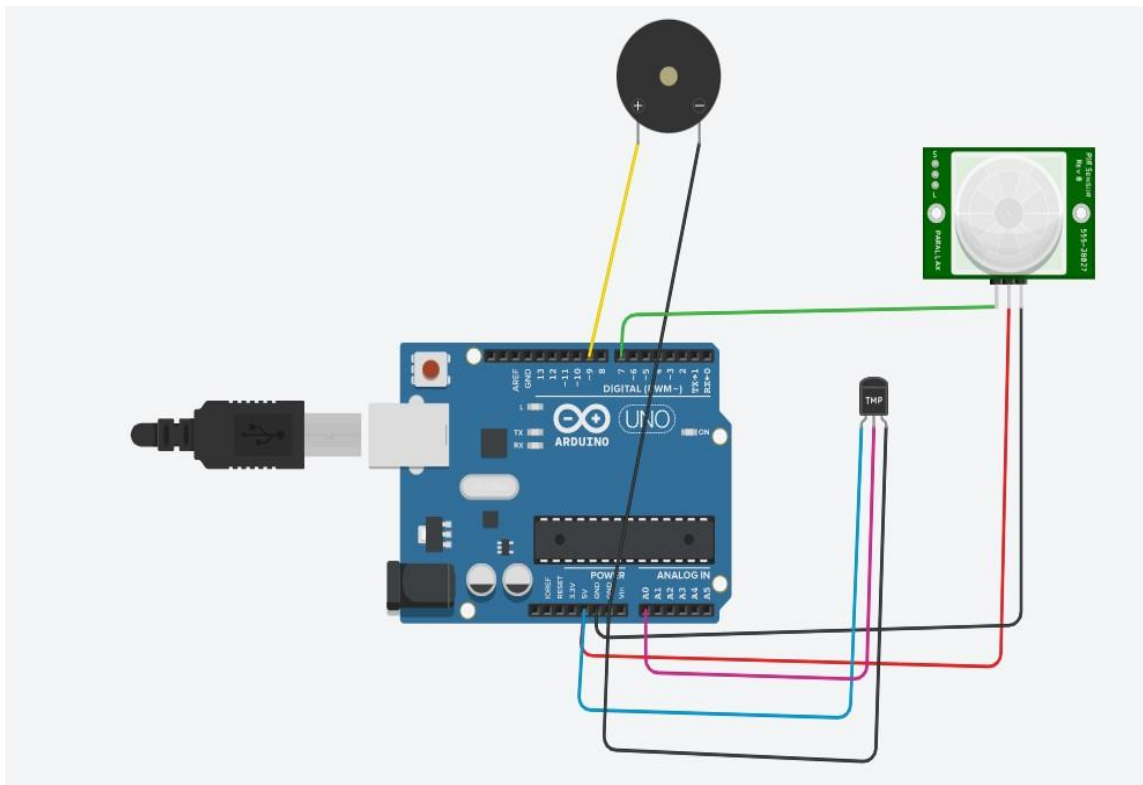# VEL TECH HIGH TECH Dr. RANGARAJAN Dr. SAKUNTHALA ENGINEERING COLLEGE

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){
digitalWrite(9, HIGH); tone(9,
550,1000);
if(a>60)
{
digitalWrite(9, HIGH); tone(9,
800,1000);

}
else
{
digitalWrite(9, LOW);
noTone(9);
}
}
}
```