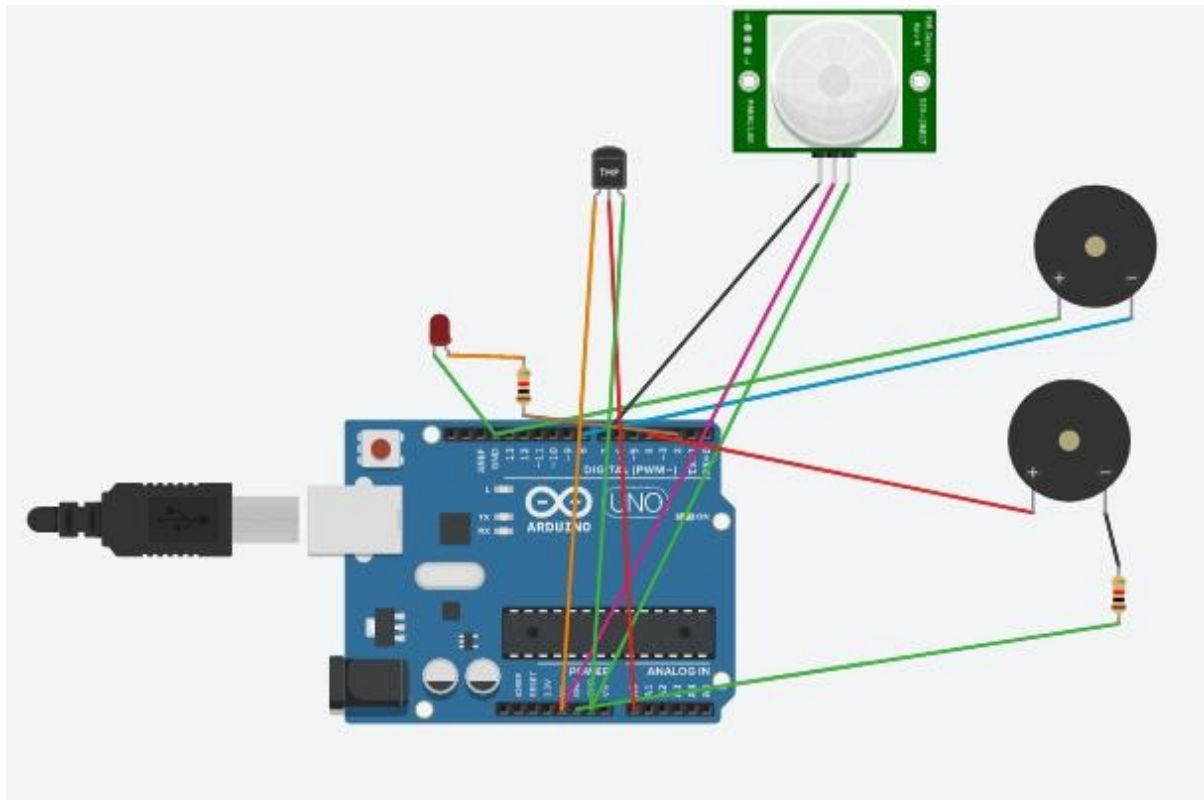


ASSIGNMENT-1

Name	Pon Kiruthiga.S.K
Team ID	PNT2022TMID42660
Project Name	Real-Time River Water Quality Monitoring and Control System.



CODE:

```
void setup()
{
  Serial.begin(9600);
  pinMode(8,
    OUTPUT);
  pinMode(A0,
    INPUT); pinMode(2,
```

```

    OUTPUT);
    pinMode(7, INPUT);
    pinMode(4,
    OUTPUT);
}

void loop
if (digitalRead(7) == 1) {
    tone(4, 523, 1000); // play tone 60 (C5 = 523 Hz)
} else {
    noTone(4)
    ;
}
delay(10); // Delay a little bit to improve simulation performance

int temp = analogRead(A0)
if (temp>50)
{
    tone(8, 1000);
    digitalWrite(2,
    HIGH);
    delay(2000);
}
else
{
    noTone(8);
    digitalWrite(2,LOW
    ); delay(2000);
}
}

```

