Program no 09

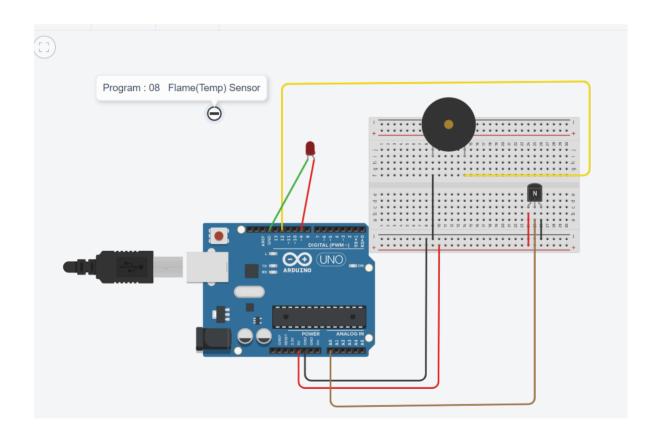
Program Title Flam(Temp) Sensor

Aim : To turn on LED and make the piezo buzzer upon the temperature alert

Hardware Required

- Arduino Board
- Wires
- LED
- Piezo
- Temp Sensor
- Bread board

Circuit Diagram



Code:

```
Pramod D.Y
        Program - 09
                                         1BM19CS405
      Flam- or-temp gengos
cont Put temparaturepPn =0;
 Put led=9;
 Put USa=12;
 Vord letupe
         Rn Mode (led, OUTPUT);
         PruMoch (URa, OUTPUT);
          Searal. begin (9600);
 vord loop()
     Hoot Voltage, degree sc, degree » F;
Voltage = get Voltage (temporatione Pen);
      dgalexc = (voltage - 0.5) * 100.0;
      dogoeent= degreen ( *(9.0/5.0) *32.0;
         Serial. Part ("Vottage:");
          Sereal. Poent (voltage);
           Selfal. point ("deg c:");
            Seefal. port (degreex);
Seefal. port ("deg F:");
                                                Heave
              Sexial. point (o degner F);
```

of (degreen C >26) Pramad Dy digitalistate (led, HIGH);

dilay (1000);

digatalistate (led, Low);

delay (500);

to ne (12, 10000, 200); Hart get Value (Put PPO) letorn (anologifead (PPn) *0.00 482314); 20 Page No-02 teamed of

Observation / Output

