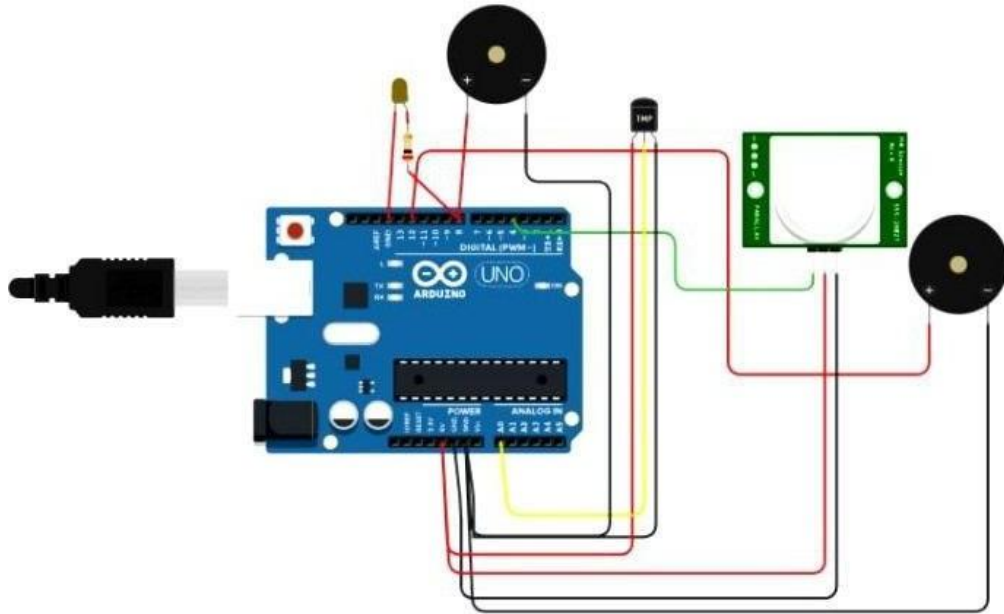


SMART HOME

CIRCUIT DIAGRAM:-



CODE:-

```
//Home automation
//buzzer
void setup()
{
  pinMode(12, OUTPUT); //for pir sensor o/p buzzer
  pinMode(8, OUTPUT); //for temp sensor o/p buzzer
  pinMode(4, INPUT); //feeding i/p to arduino from pir sensor
  Serial.begin(9600);
  pinMode(13, OUTPUT);
}
void loop()
{
  //pir sensor
  int p=digitalRead(4);
  delay(20);
  if(p)
  {
```

```

tone(12,800);//if motion detetcted the buzzer will rung
  delay(500);
  noTone(12);
  delay(100);
}
//temp sensor
double t=analogRead(A0);
double e=((t/1024)*5)-0.5)*100;
Serial.println(e);
delay(200);
if(e>25)
{
tone(8,9000);//if temperature greater than 50 deg the buzzer will rungdelay(500);
  noTone(8);
  delay(100);
}
}

```