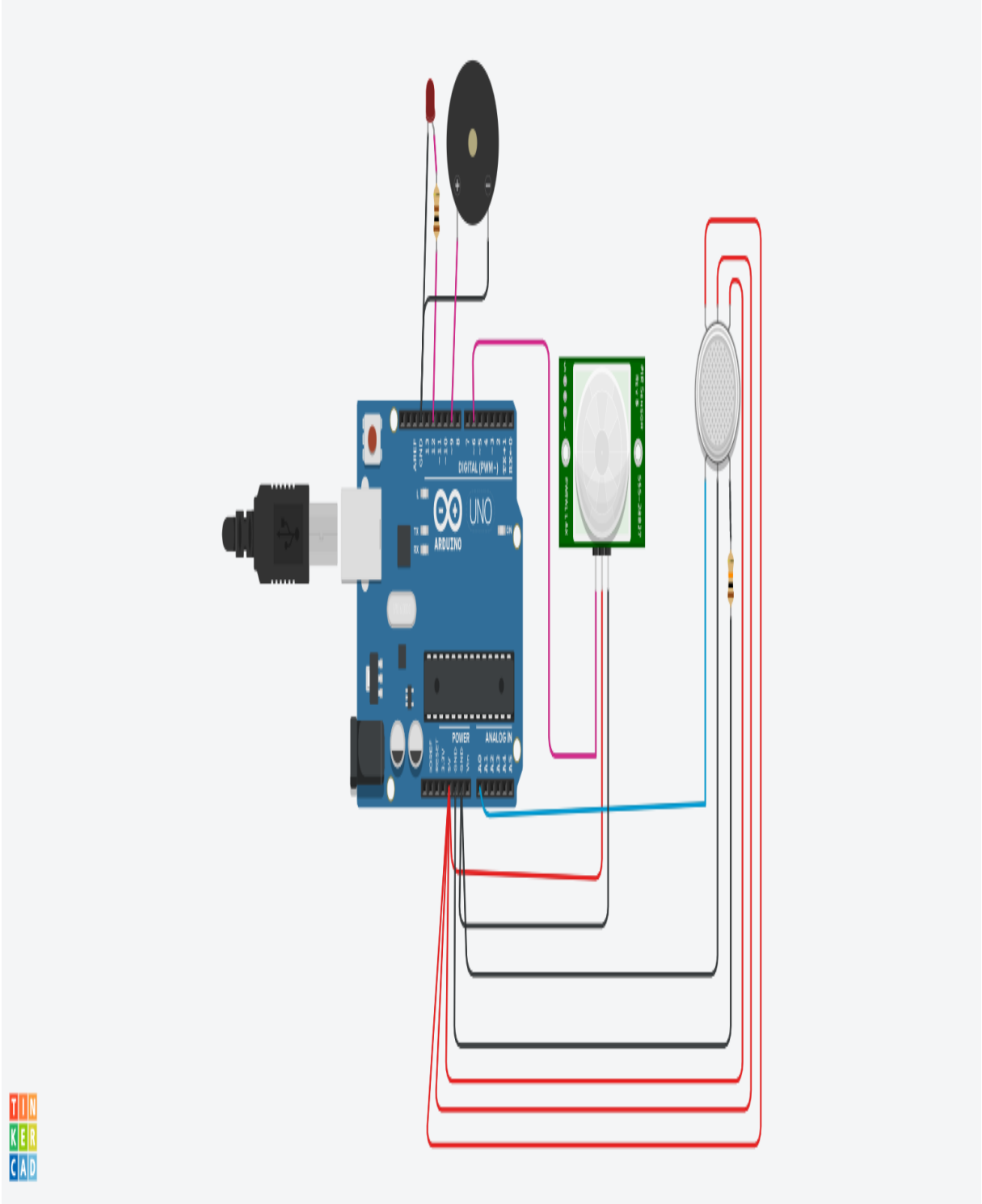
SMART HOME(Using 2 sensor,led,buzzer)

Circuit:



Code:

```
// C++ code
//
void setup()
{
  pinMode(6,INPUT);
  pinMode(12,OUTPUT);
  pinMode(9,OUTPUT);
  Serial.begin(9600);


}
void loop()
{
 int p=digitalRead(6);
  int gas=analogRead(A0);
  if (gas>500)
  {
    Serial.print("gas detector");
    Serial.println(gas);
    digitalWrite(9,HIGH);
  }
  else
  {
    digitalWrite(9,LOW);
  }

 if(p==1)
 {
   digitalWrite(12,HIGH);
 }
 else
 {
   digitalWrite(12,LOW);
 }

}
```