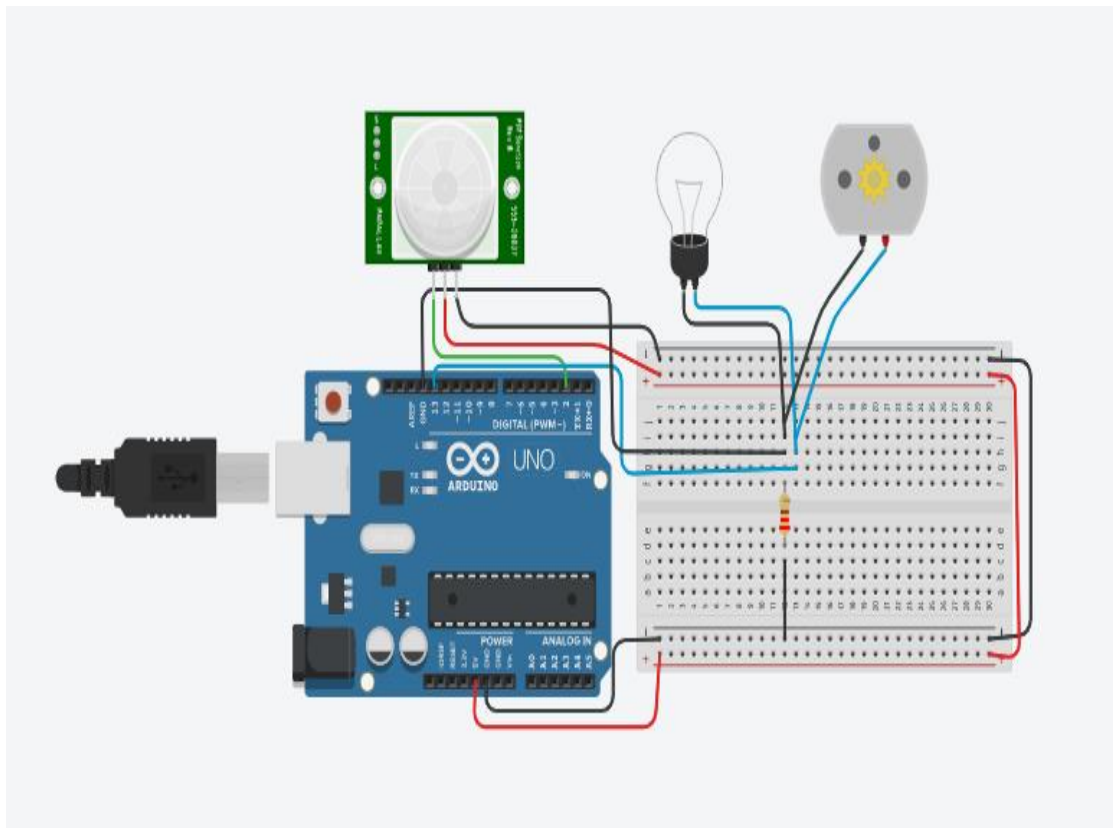# Assignment 1 •

Buil a smart homein tinkercard with two sensors and led, buzzer

CODE:

```
int pirsensor = 0;
void setup()//the setup routine runs once when you press reset
{
pinMode(13,OUTPUT);//initialize digital 13 pin as an output
pinMode(12,INPUT);//initialize digital 12 pin as an input
}
void loop()//the loop routine runs multiple times
{
pirsensor = digitalRead(2);
if (pirsensor==HIGH)
{
digitalWrite(13,HIGH);
delay(10000);
}
else
{
digitalWrite(13,LOW);
delay(120);
}
}
```