

```
int inputPin = 9;

int pirState = LOW;

int val = 0;

void setup()
{

    pinMode(LED_BUILTIN, OUTPUT);

    pinMode(inputPin, INPUT);

    Serial.begin(9600);

}

void loop()
{

    val = digitalRead(inputPin);

    if (val == HIGH) {

        digitalWrite(LED_BUILTIN, HIGH);

        if (pirState == LOW) {

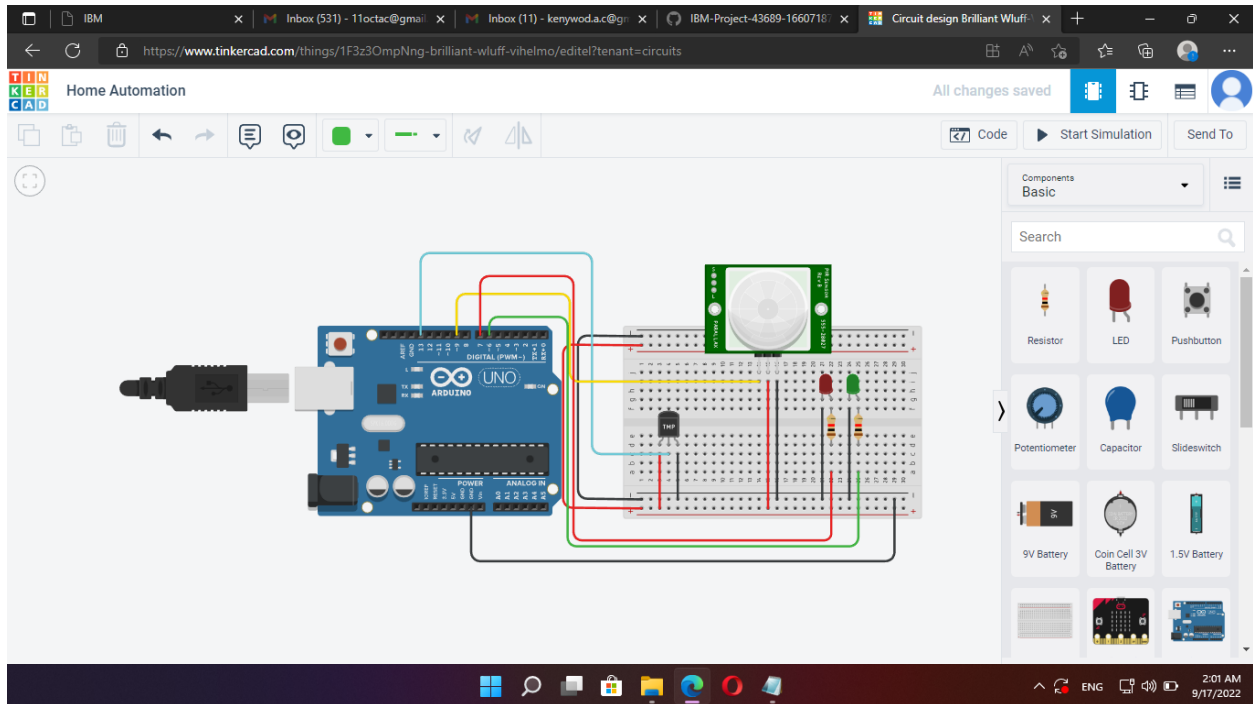
            pirState = HIGH;

        }

    }
    else
    {

        digitalWrite(LED_BUILTIN, LOW);
```

```
if (pirState == HIGH){  
  
  Serial.println("Motion stopped!");  
  
  pirState = LOW;  
  
}  
  
}  
}
```



OUTPUT :

