

DATE	14 november 2022
TEAM ID	PNT2022TMID40471
PROJECT NAME	IOT BASED SMART CROP PROTECTION FOR AGRICULTURE
MAXIMUM MARK	20 MARKS

PROGRAM

```
void setup() {
```

```
    pinMode(3, INPUT); //Pin 3 as INPUT
```

```
    pinMode(4, OUTPUT); //PIN 4 as OUTPUT
```

```
}
```

```
void loop() {
```

```
    if (digitalRead(3) == HIGH)
```

```
    {
```

```
        digitalWrite(4, HIGH); // turn the LED/Buzz ON
```

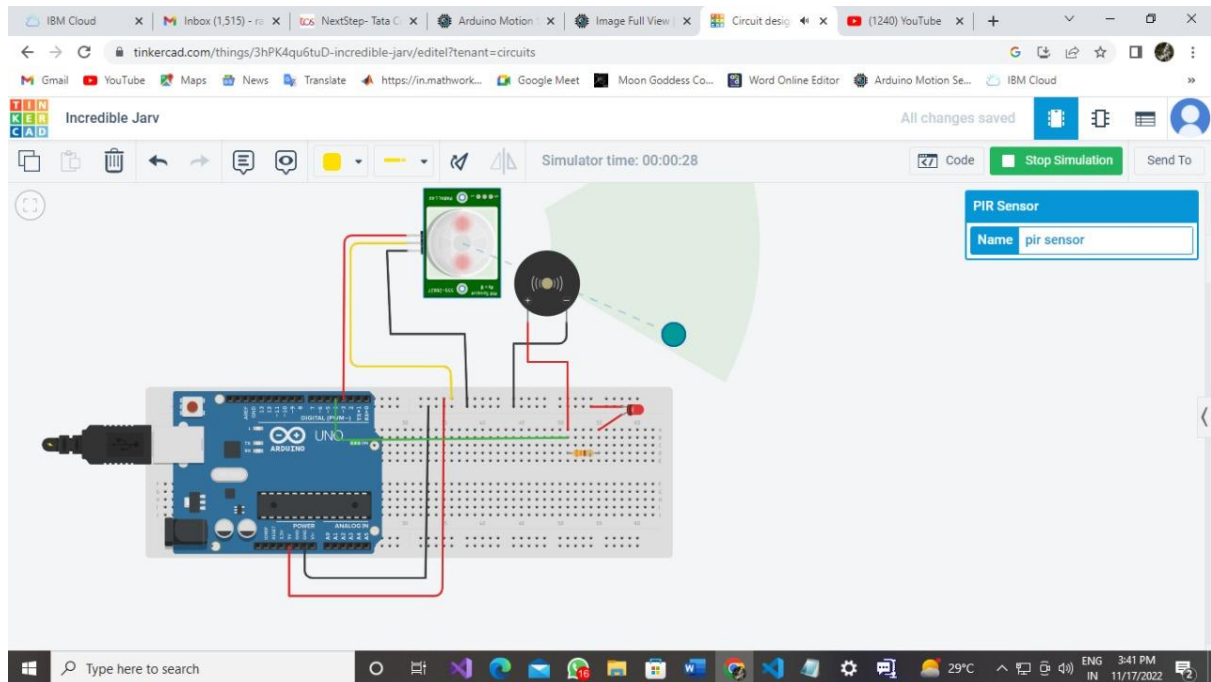
```
        delay(100);           // wait for 100 msecond
```

```
        digitalWrite(4, LOW); // turn the LED/Buzz OFF
```

```
        delay(100);           // wait for 100 msecond
```

```
    }
```

```
}
```



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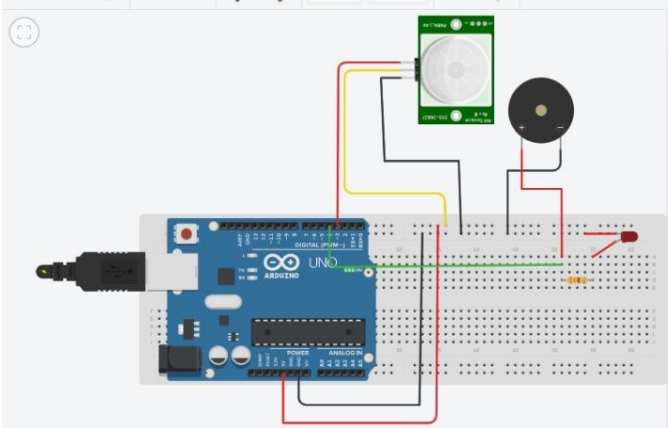
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All changes saved | Simulator time: 00:00:18.449 | Code | Stop Simulation | Send To

1 (Arduino Uno R3)



```
4
5 pinMode(4, OUTPUT); //PIN 3 as OUTPUT
6
7 }
8
9
10 void loop() {
11
12   if (digitalRead(3) == HIGH)
13   {
14
15     digitalWrite(4, HIGH); // turn the LED/Buzz ON
16
17     delay(100);           // wait for 100 msecond
18
19     digitalWrite(4, LOW); // turn the LED/Buzz OFF
20
21     delay(100); // wait for 100 msecond
22
23   }
24
25 }
26
27
28
29
30
31
```

Serial Monitor

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