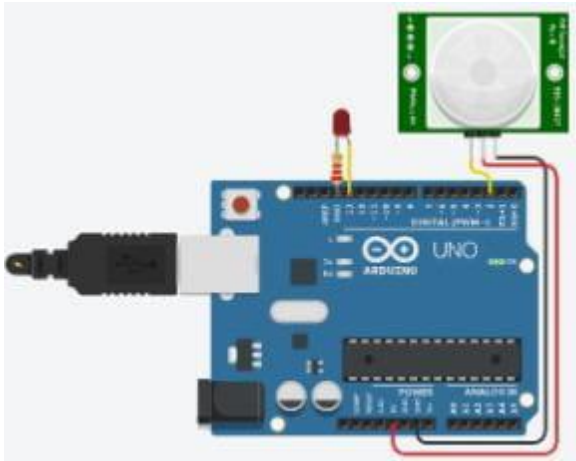


Motion detection using pir sensor



C code for Motion detection using pir sensor:

```
int buttonState = 0;
```

```
void setup()
```

```
{
```

```
  pinMode(2, INPUT);
```

```
  pinMode(LED_BUILTIN, OUTPUT);
```

```
}
```

```
void loop()
```

```
{
```

```
  // read the state of the pushbutton
```

```
  buttonState = digitalRead(2);
```

```
// check if pushbutton is pressed. if it is, the
// button state is HIGH
if (buttonState == HIGH) {
    digitalWrite(LED_BUILTIN, HIGH);
} else {
    digitalWrite(LED_BUILTIN, LOW);
}

delay(10); // Delay a little bit to improve simulation
performance
}
```

Link

<https://www.tinkercad.com/things/bcqJ0opnxl1-copy-of-pir-motion-sensor/editel?sharecode=szD0yekXG0NGsVgTS51aXRbUZ74YC9EGee pXU6HqrwU>