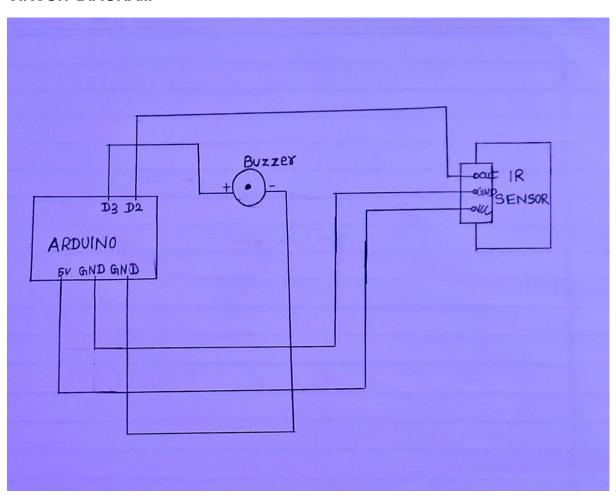
CODE

```
int irsensor = 2; // IR sensor output pin
int buzzer = 3; // Buzzer pin
void setup () {
  pin Mode (irsensor, INPUT);
  pin Mode (buzzer, OUTPUT);
  Serial.begin(9600);
}
void loop () {
  int helmet Status = digital Read(irsensor);
  if (helmet Status == LOW) {
     // Helmet not worn
     digital Write (buzzer, HIGH);
     Serial.println("Helmet NOT worn!");
  } else {
    // Helmet worn
   digital Write (buzzer, LOW);
    Serial.println("Helmet worn.");
  }
 delay (200);
}
```

IMAGE OF PROTOTYPE



CIRCUIT DIAGRAM



WORKING OUTPUT

Helmet not worn

```
sketch_sep26a | Arduino IDE 2.3.6
 √ .o.
                 int irSensor = 2;  // IR sensor output pin
int buzzer = 3;  // Buzzer pin
 void setup() {
  pinMode(irSensor, INPUT);
  pinMode(buzzer, OUTPUT);
  Serial.begin(9600);
 0
                 void loop() {
  int helmetStatus = digitalRead(irSensor);
           10
11
                    if (helmetStatus == LOW) {
                   // Helmet not worn
digitalwrite(buzzer, HIGH);
Serial.println("Helmet NOT worn!");
} else {
// Helmet worn
}
           15
           16
17
18
                     digitalWrite(buzzer, LOW);
           19
                     Serial.println("Helmet worn.");
                                                                                                                                                                                                           ∀ 0 ≡
        Output Serial Monitor ×
                                                                                                                                                                              New Line ▼ 9600 baud ▼
Helmet NOT worn!
                                                                                                                                                                                                                    н
  Trending videos
Golden Retrieve.
                                                        Q Search
                                                                                          💁 🖬 🥵 🤣 🥲 📴 🛅 👊 🧿 🚳
```

Helmet worn

