

SMART MASK

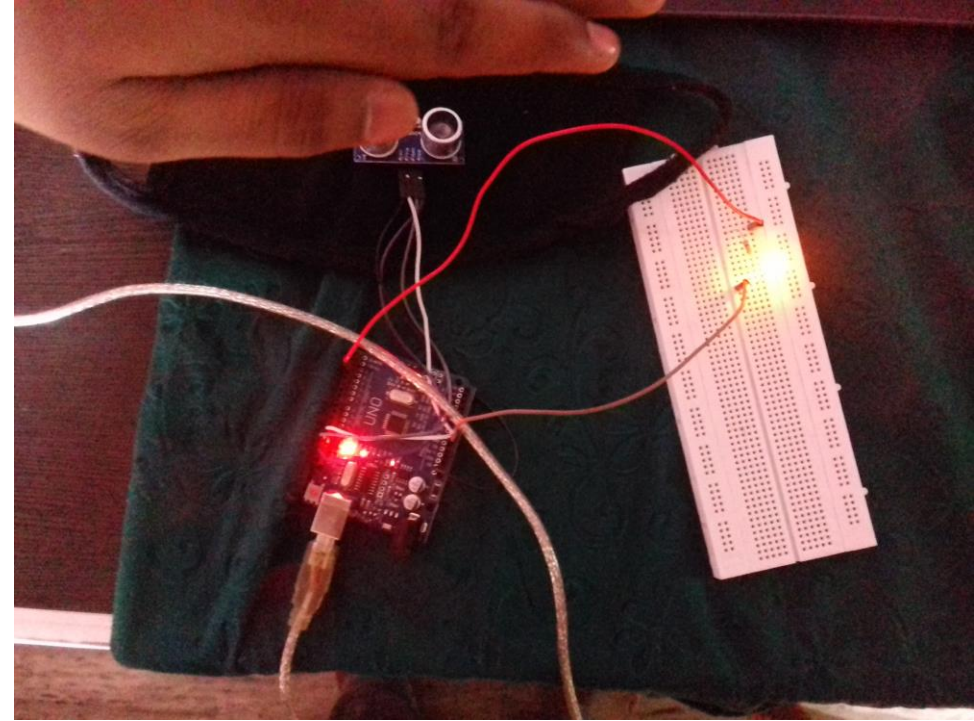
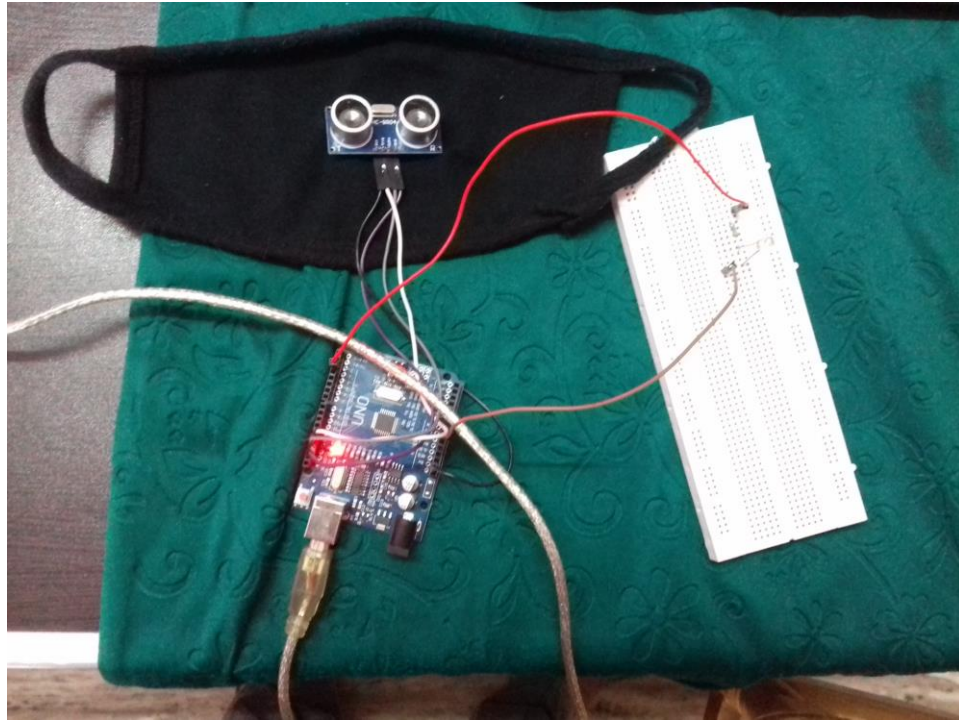
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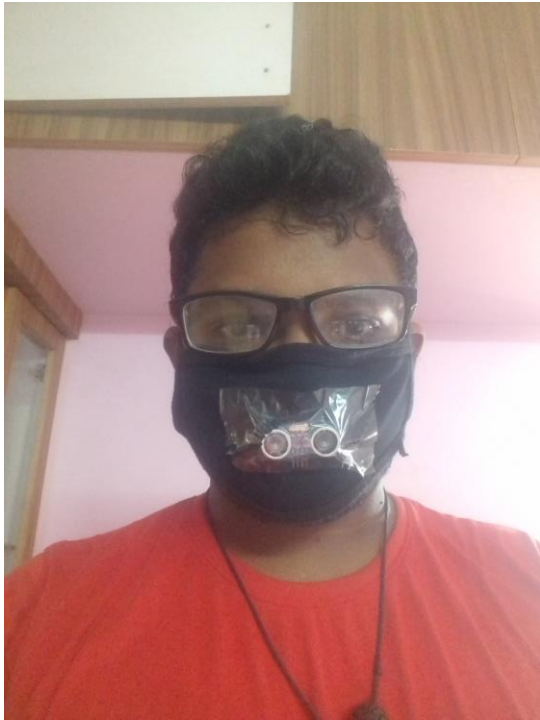
IDEA

- ▶ The main idea is to make the people to main the social distance.
- ▶ This can be done by giving the alert to the people in the form of light or sound .
- ▶ This would make the people to remember about the social distance.

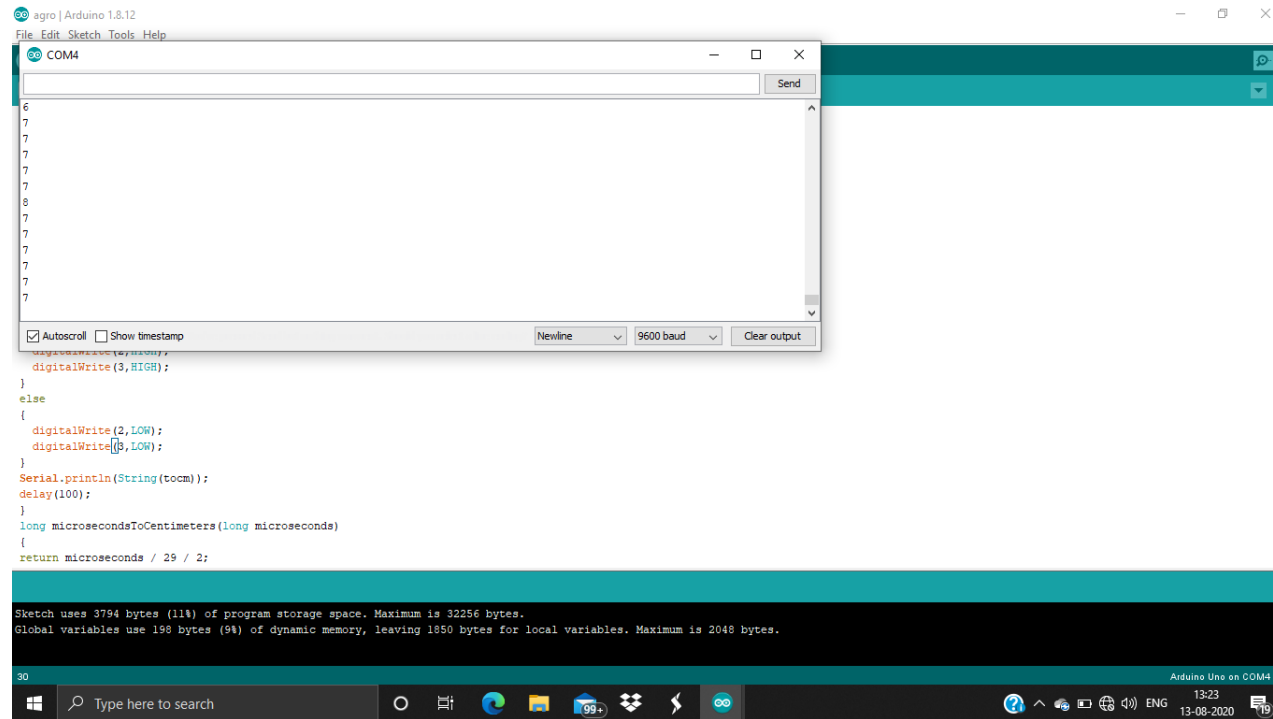
Hardware Module



Mask



Outputs

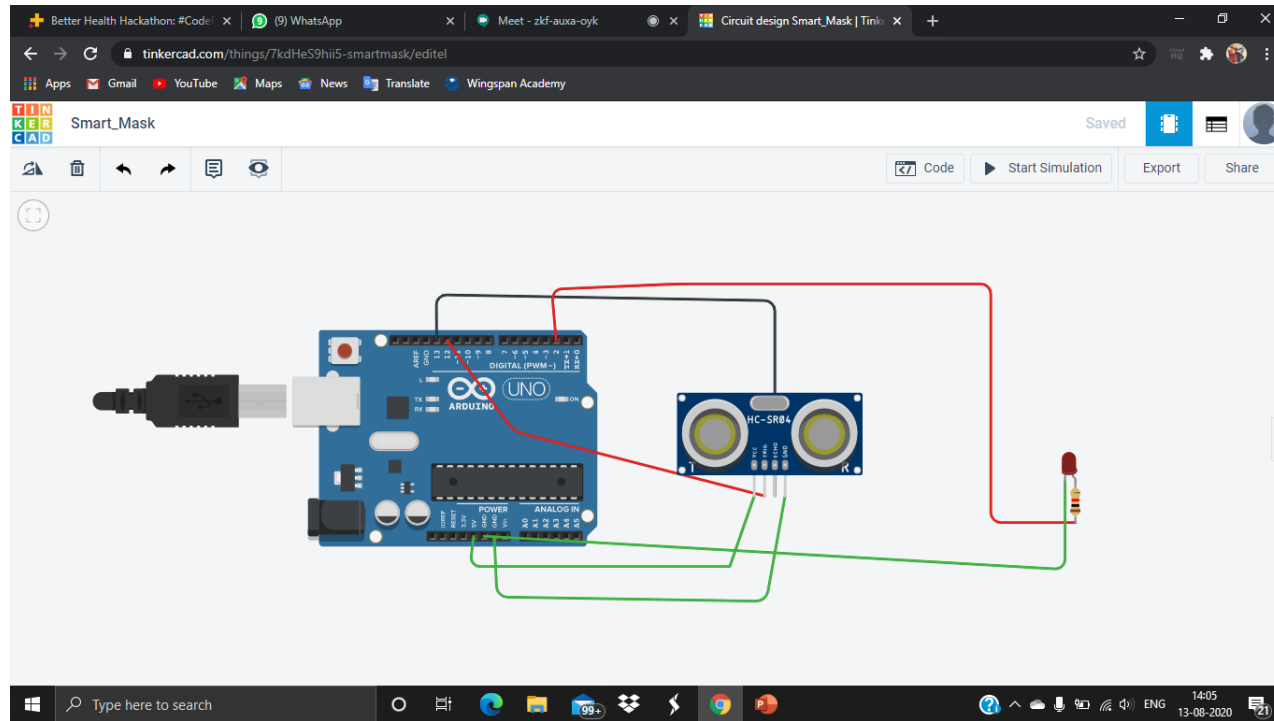


The screenshot displays the Arduino IDE interface. A serial monitor window titled 'COM4' is open, showing the number '6' on the first line. Below the monitor, the code editor contains the following C++ code:

```
digitalWrite(3,HIGH);  
}  
else  
{  
  digitalWrite(2,LOW);  
  digitalWrite(8,LOW);  
}  
Serial.println(String(toCm));  
delay(100);  
}  
long microsecondsToCentimeters(long microseconds)  
{  
  return microseconds / 29 / 2;  
}
```

At the bottom of the IDE, a status bar indicates: 'Sketch uses 3794 bytes (11%) of program storage space. Maximum is 32256 bytes. Global variables use 198 bytes (9%) of dynamic memory, leaving 1850 bytes for local variables. Maximum is 2048 bytes.'

SIMULATION CIRCUIT



OUTPUT OF SIMULATION

- ▶ When forgot to maintain social distance light is on else off.

