

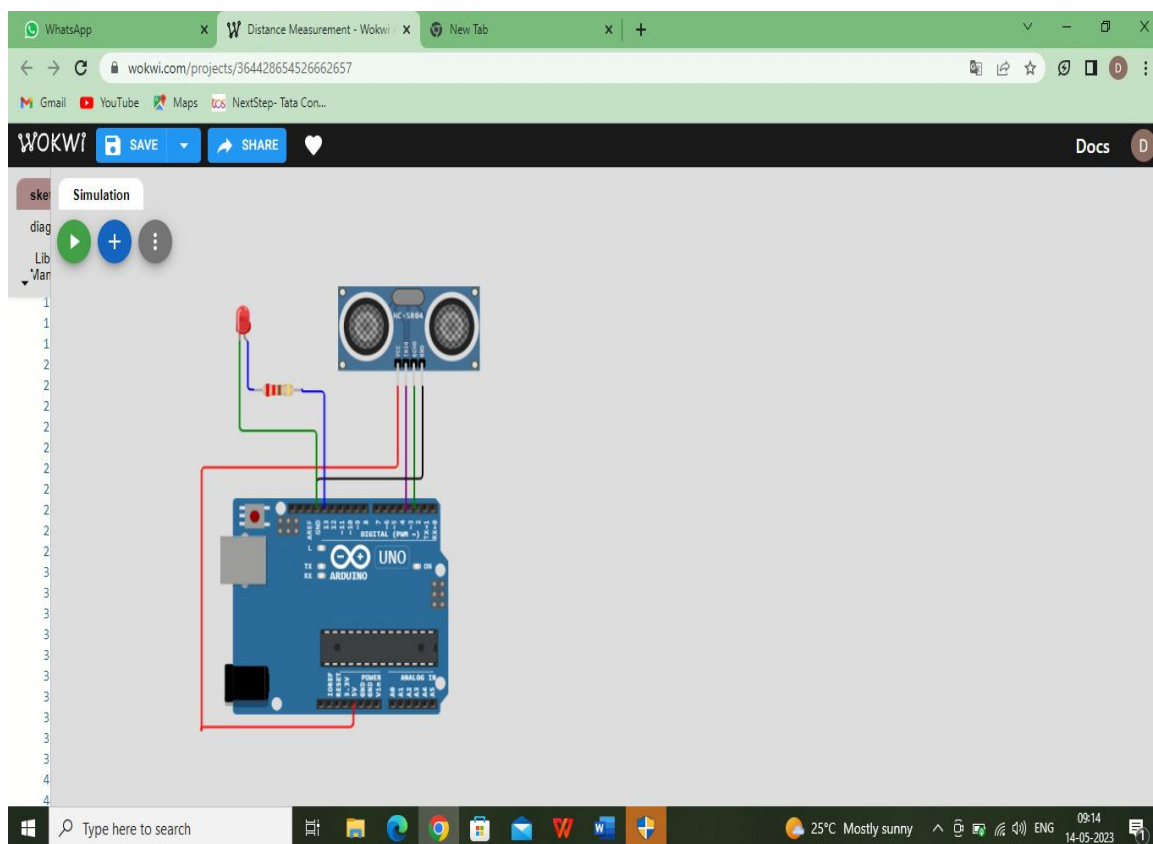
ASSIGNMENT- 3

DISTANCES MEASUREMENT USING ULTRASONIC SENSORS

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REFERENCE LINK:

<https://wokwi.com/projects/364428654526662657>



CODE:

```
{
  "version": 1,
  "author": "Anonymous maker",
  "editor": "wokwi",
  "parts": [
    { "type": "wokwi-arduino-uno",
      "top": 116.14, "left": -38.64,
      "attrs": {} },
    {
      "type": "wokwi-hc-sr04",
      "id": "ultrasonic1",
      "top": -82.46,
      "left": 103.48,
      "attrs": { "distance": "77" }
    },
  ],
  {
    "type": "wokwi-led",
    "id": "led1",
    "top": -71.58,
    "left": -30.89,
    "attrs": { "color": "red" }
  },
  {
    "type": "wokwi-resistor",
    "id": "r1",
    "top": 9.18,
```

```

    "left" :0.86,
    "attrs" : { "value" : "220" }
  {
"attrs" : { "color" : "red" }
},
{
  "type" : "wowki-resistor",
  "id": 9.18,
  "top":0.86,
  "attrs":{ "value": "220" }
}
],
"connections": [
  [ "ultrasonic1:ECHO", "uno:2", "green",
[ "v112.84" , "h4.37" ] ],
  [ "ultrasonic1:TRIG", "uno:3", "purple",
["V0" ] ],
[
  "Ultrasonic1:VCC",
  "uno:5v",
  "red",
  [ "v75.36", "h-236.33", "v245.22", "h-
0.81, "v0", "h0", "v-3.26", 'h-1.63" ]
],
  [ "ultrasonic1:GND", "uno:GND.1",
"black",[ "v85.95", "h-128.65" ] ],
  [ "led1:C", "uno:GND.1",
"green",[ "v82.76", "h90.39" ] ],

```

```
[ "led1:A", "r1:1", "blue", [v44.47",  
"h6.25" ] ],  
[ "r1:2", "uno:13", "blue" , ["v1.69",  
"h19.73" ] ]  
],  
"dependencies":{}
```