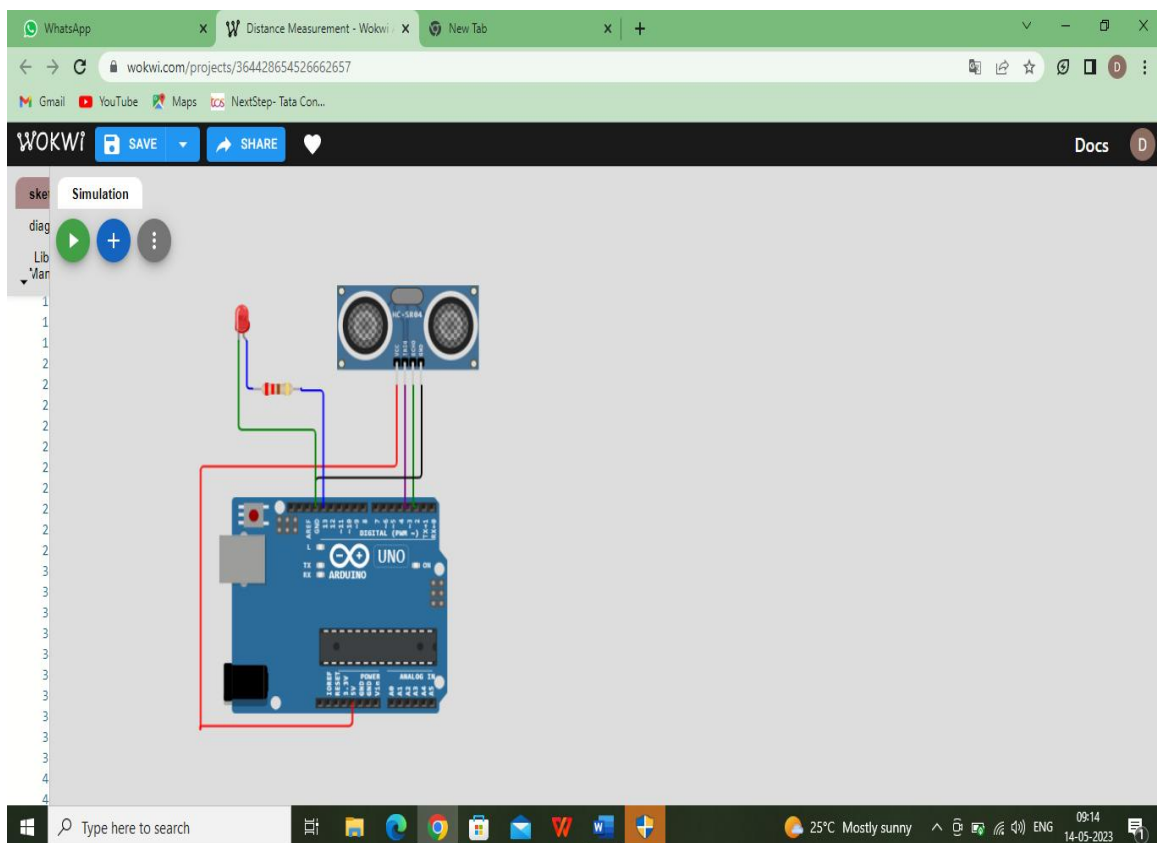


# ASSIGNMENT- 3

## DISTANCES MEASUREMENT USING ULTRASONIC SENSORS

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":{}
```