

# Speech to text code:

```
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content=
    "width=device-width, initial-scale=1.0">

</head>

<body>
  <div class="words" contenteditable>
    <p id="p"></p>
  </div>
  <div class="mb-5">
    <button id="start" class="btn btn-success mt-5 me-3">Start</button>
    <button id="pause" class="btn btn-warning mt-5 me-3">Pause</button>
    <button id="resume" class="btn btn-info mt-5 me-3">Resume</button>
    <button id="cancel" class="btn btn-danger mt-5 me-3">Cancel</button>
  </div>

  <script>
    var speech = true;
    window.SpeechRecognition = window.SpeechRecognition
      || window.webkitSpeechRecognition;

    const recognition = new SpeechRecognition();
    recognition.interimResults = true;
    const words = document.querySelector('.words');
    words.appendChild(p);
    recognition.lang='ar';

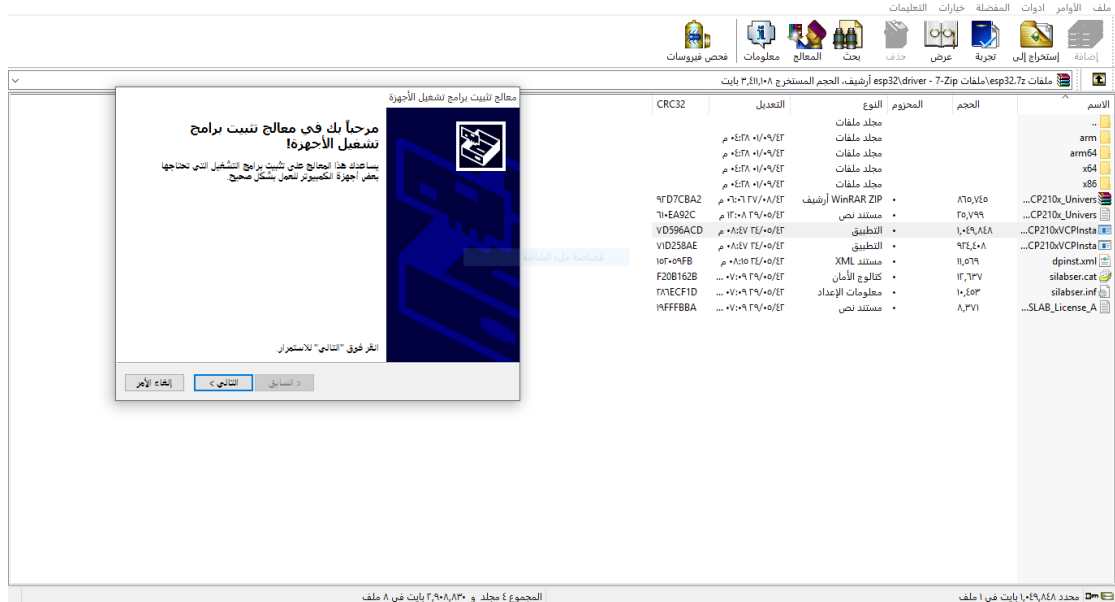
    recognition.addEventListener('result', e => {
      const transcript = Array.from(e.results)
        .map(result => result[0])
        .map(result => result.transcript)
        .join("")

      document.getElementById("p").innerHTML = transcript;
      console.log(transcript);
    });
```

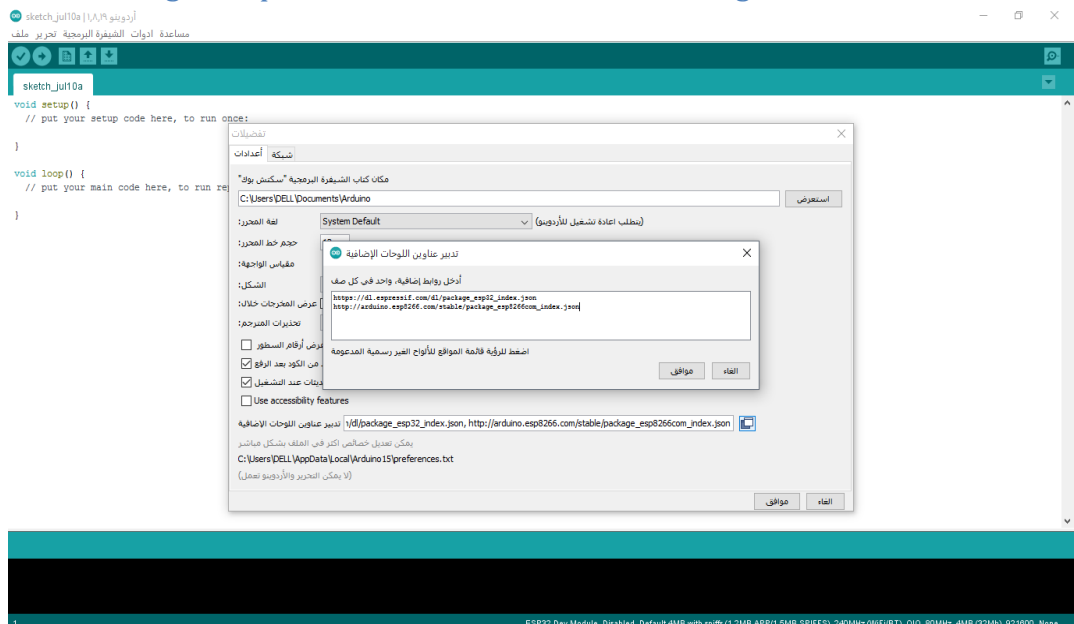
```
if (speech == true) {  
  recognition.start();  
  recognition.addEventListener('end', recognition.start);  
}  
</script>  
</body>  
  
</html>
```

# ESP32

- install cp210xvcpinstaller\_x64



- Go to the arduino program and install the board through the following link:  
[https://dl.espressif.com/dl/package\\_esp32\\_index.json](https://dl.espressif.com/dl/package_esp32_index.json),  
[http://arduino.esp8266.com/stable/package\\_esp8266com\\_index.json](http://arduino.esp8266.com/stable/package_esp8266com_index.json)
- Go to settings and put the link in Address boards manager URLs



- Go to Boards, then to Manage Boards, write ESP32 and install it

