

Designing a program that converts audio to text

Code and result:

The screenshot shows the Online HTML Editor interface. The code editor on the left contains the following HTML and JavaScript code:

```
1 <!DOCTYPE html>
2 <body>
3   <h1>برنامج تحويل صوت الى نص باللغة العربية</h1>
4   <div>رغد أحمد الزهراني</div>
5 </body>
6 </html>
7 <script>
8   click_to_convert.addEventListener('click', function() {
9     var speech = true;
10    window.SpeechRecognition = window.webkitSpeechRecognition;
11    const recognition = new SpeechRecognition();
12    recognition.interimResults = true;
13    recognition.lang = 'ar';
14    recognition.addEventListener('result', e=>{
15      const transcript = Array.from(e.results)
16        .map(result => result[0])
17        .map(result => result.transcript) convert_text.innerHTML=
18      transcript;
19    });
20    if (speech == true) {
21      recognition.start();
22    }
23  });
24 </script>
```

The preview on the right shows the rendered HTML with the title "برنامج تحويل صوت الى نص باللغة العربية" and the text "رغد أحمد الزهراني". There is a text input field and a "start" button.

The screenshot shows the Online HTML Editor interface with the final code. The code editor on the left contains the following HTML and JavaScript code:

```
21 }
22 }) </script>
23
24 <html lang="ar-AE">
25
26 <head>
27   <meta charset="utf-8">
28   <meta name="viewport" content="initial-scale=1.0, maximum-scale=1.0,
29     user-scalable=1">
30   <title>convertor Home</title>
31   <link rel="stylesheet" type="text/css" href="css/style.css">
32 </head>
33 <body>
34   <div class="voice_to_text">
35     <div class="text">
36       <textarea id="convert_text">
37     </textarea> <button id="click_to_convert"> start </button>
38   </div>
39   <script type="text/javascript" src="js/script.js"></script>
40 </body>
41
42
```

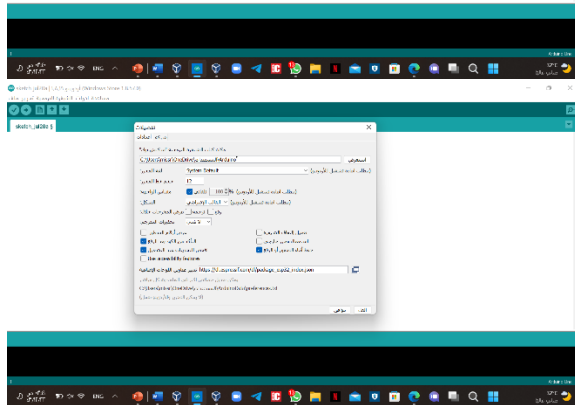
The preview on the right shows the rendered HTML with the title "برنامج تحويل صوت الى نص باللغة العربية" and the text "رغد أحمد الزهراني". There is a text input field and a "start" button.

Write a Wasdom ESP32 segment operation algorithm

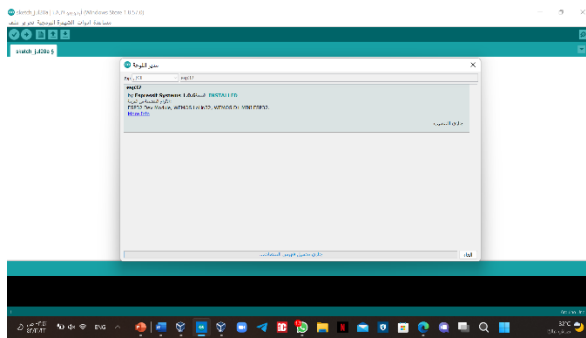
1- Arduino



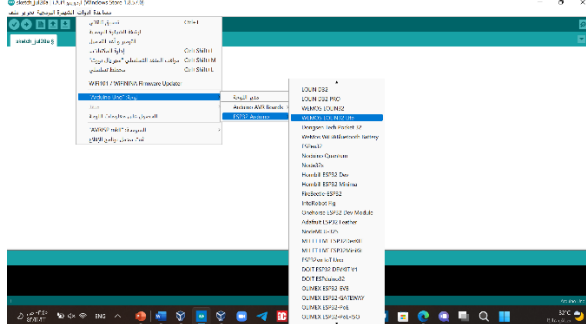
2-



3-



4-



5-

