

Task1- (js – html – css)

js

```
click_to_convert.addEventListener('click',function(){  
    var speech=true;  
  
    window.SpeechRecognitionAlternative = window.webkitSpeechRecognition;  
    const recognition =new SpeechRecognitionAlternative();  
    recognition.interimResults = true;  
  
    recognition.addEventListener('result', e=>{  
        const transcript = Array.from(e.results)  
            .map(results =>result[0])  
            .map(results => result.transcript)  
  
        convert_twxt.innerHTML = transcript;  
    })  
  
    if(speech == true ){  
        recognition.start();  
    }  
})
```

Html

```
<!DOCTYPE html>

<html lang="en">

  <head>

    <meta charset="utf-8">

    <meta name="viewport" content="initial-scale=1.0, maximum-
      scale=1.0, user-scalable=1">

    <title>Home</title>

    <link rel="stylesheet" type="text/css" href="style.css">

  </head>

  <body>

    <div class="voice_to_text">

      <h1>voice to text Converter</h1>

      <textarea id="convert_text"></textarea>

      <button id="click_to_convert">Voice to Text</button>

    </div>

    <script type="text/javascript" src="main.js"></script>

  </body>

</html>
```

Css

```
,::after, *::before{
-webkit-box-sizing: border-box;
-moz-box-sizing: border-box;
-ms-box-sizing: border-box;
box-sizing: border-box;
}

body{
font-family: arial;
font-size: 16px;
margin: 0;
background: linear-gradient(to right bottom, #3c46ff, #d8d9e6 );
display: flex;
align-items: center;
justify-content: center;
min-height: 100vh;
color: black;
}

.voice_to_text{
width: 600px;
text-align: center;
}

#convert_text{
width: 100%;
height: 200px;
border-radius: 10px;
```

```
        resize: none;  
        padding: 10px;  
        font-size: 20px;  
        margin-bottom: 10px;  
    }
```

```
    h1{  
        font-size: 50px;  
        color: #3c46ff;  
    }
```

```
        button{  
            padding: 12px;  
            background: #d8d9e6;  
            border:0;  
            border-radius: 5px;  
            cursor: pointer;  
            color: #3c46ff;  
        }
```