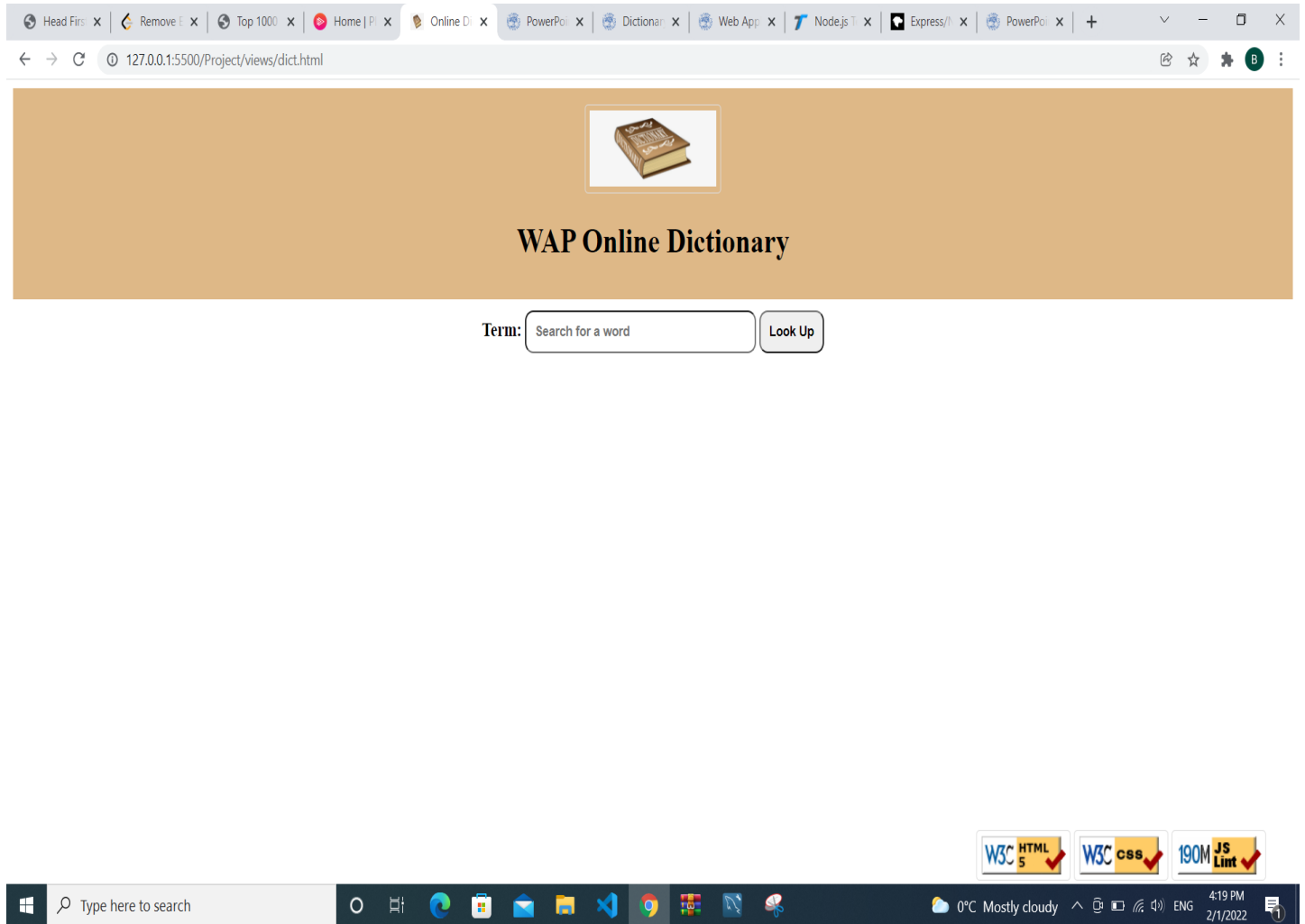
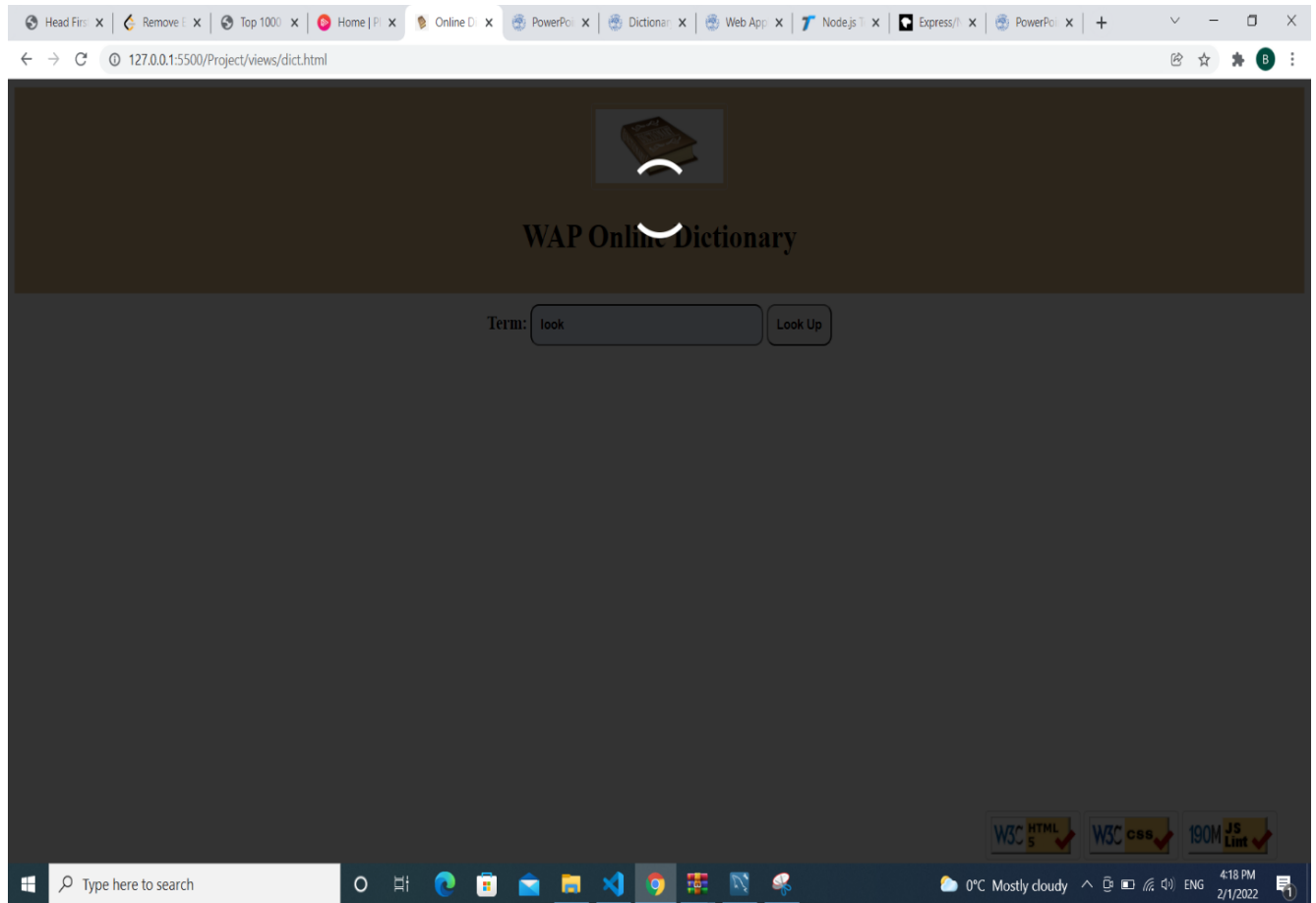


# WAP Online Dictionary

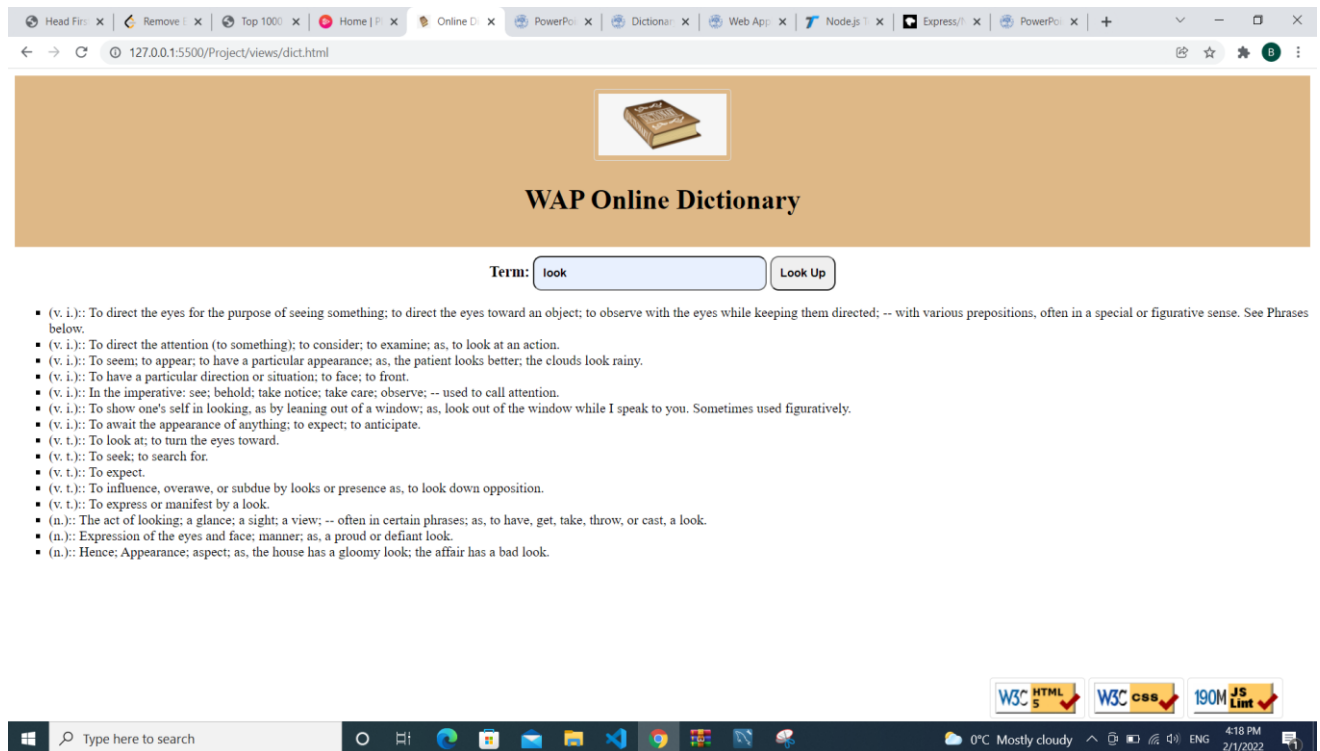
## ➤ Dictionary UI



➤ Loading to lookup for a word that exists in dictionary



## ➤ Displaying result for a word that exists in dictionary



WAP Online Dictionary

Term:

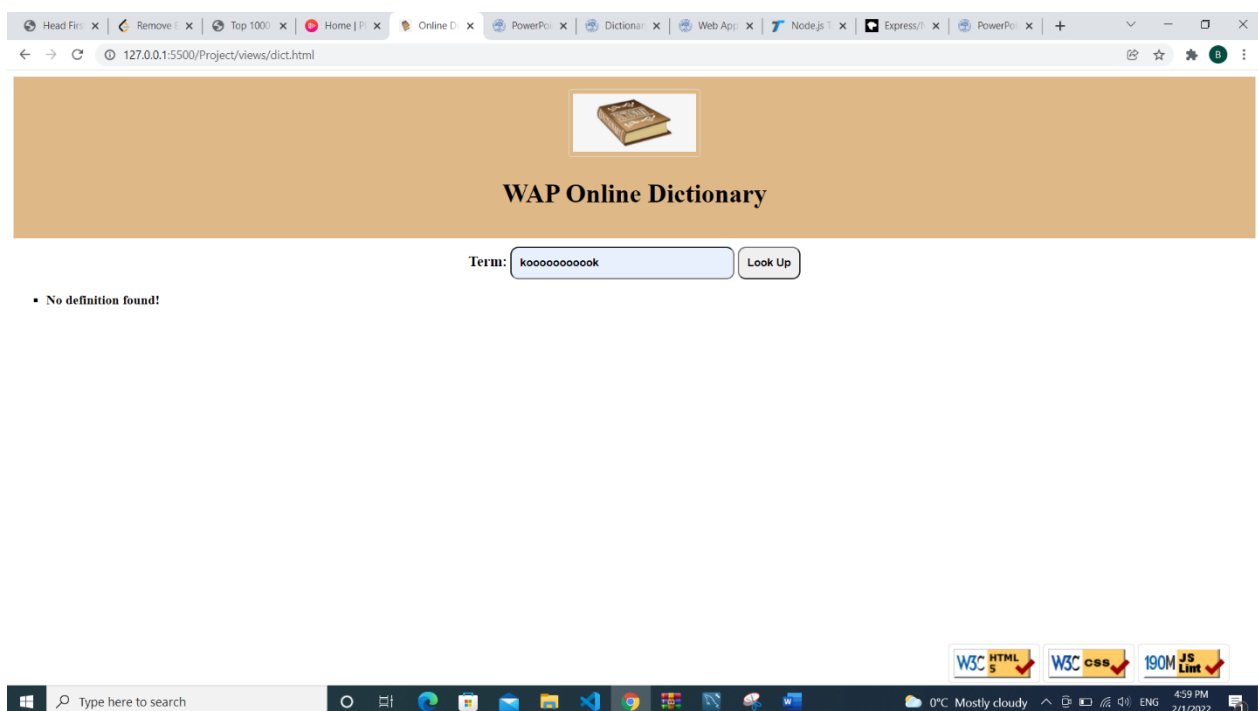
- (v. i.): To direct the eyes for the purpose of seeing something; to direct the eyes toward an object; to observe with the eyes while keeping them directed; -- with various prepositions, often in a special or figurative sense. See Phrases below.
- (v. i.): To direct the attention (to something); to consider; to examine; as, to look at an action.
- (v. i.): To seem; to appear; to have a particular appearance; as, the patient looks better; the clouds look rainy.
- (v. i.): To have a particular direction or situation; to face; to front.
- (v. i.): In the imperative: see; behold; take notice; take care; observe; -- used to call attention.
- (v. i.): To show one's self in looking, as by leaning out of a window; as, look out of the window while I speak to you. Sometimes used figuratively.
- (v. i.): To await the appearance of anything; to expect; to anticipate.
- (v. t.): To look at; to turn the eyes toward.
- (v. t.): To seek; to search for.
- (v. t.): To expect.
- (v. t.): To influence, overawe, or subdue by looks or presence as, to look down opposition.
- (v. t.): To express or manifest by a look.
- (n.): The act of looking; a glance; a sight; a view; -- often in certain phrases; as, to have, get, take, throw, or cast, a look.
- (n.): Expression of the eyes and face; manner; as, a proud or defiant look.
- (n.): Hence; Appearance; aspect; as, the house has a gloomy look; the affair has a bad look.

W3C HTML5 W3C CSS 190M JS Lint

Type here to search

0°C Mostly cloudy 4:18 PM 2/1/2022

## ➤ Displaying result for a word that doesn't exist in dictionary



WAP Online Dictionary

Term:

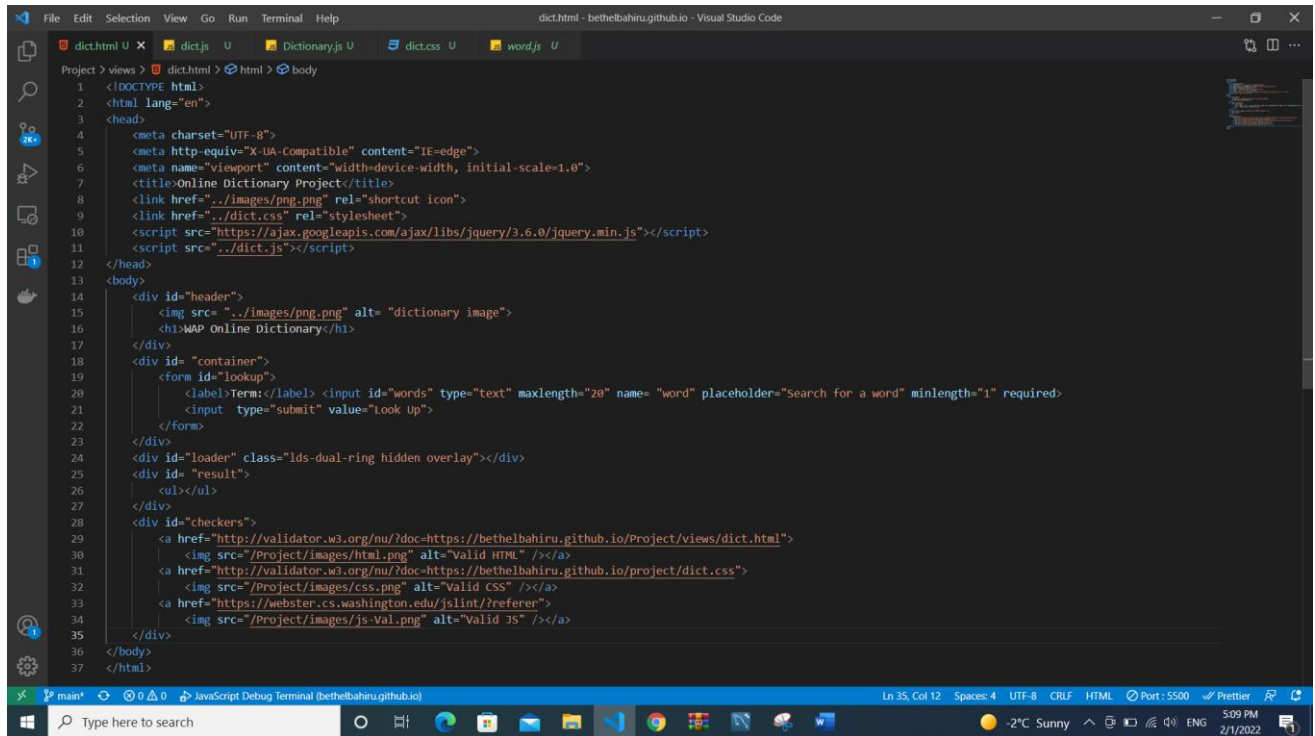
▪ No definition found!

W3C HTML5 W3C CSS 190M JS Lint

Type here to search

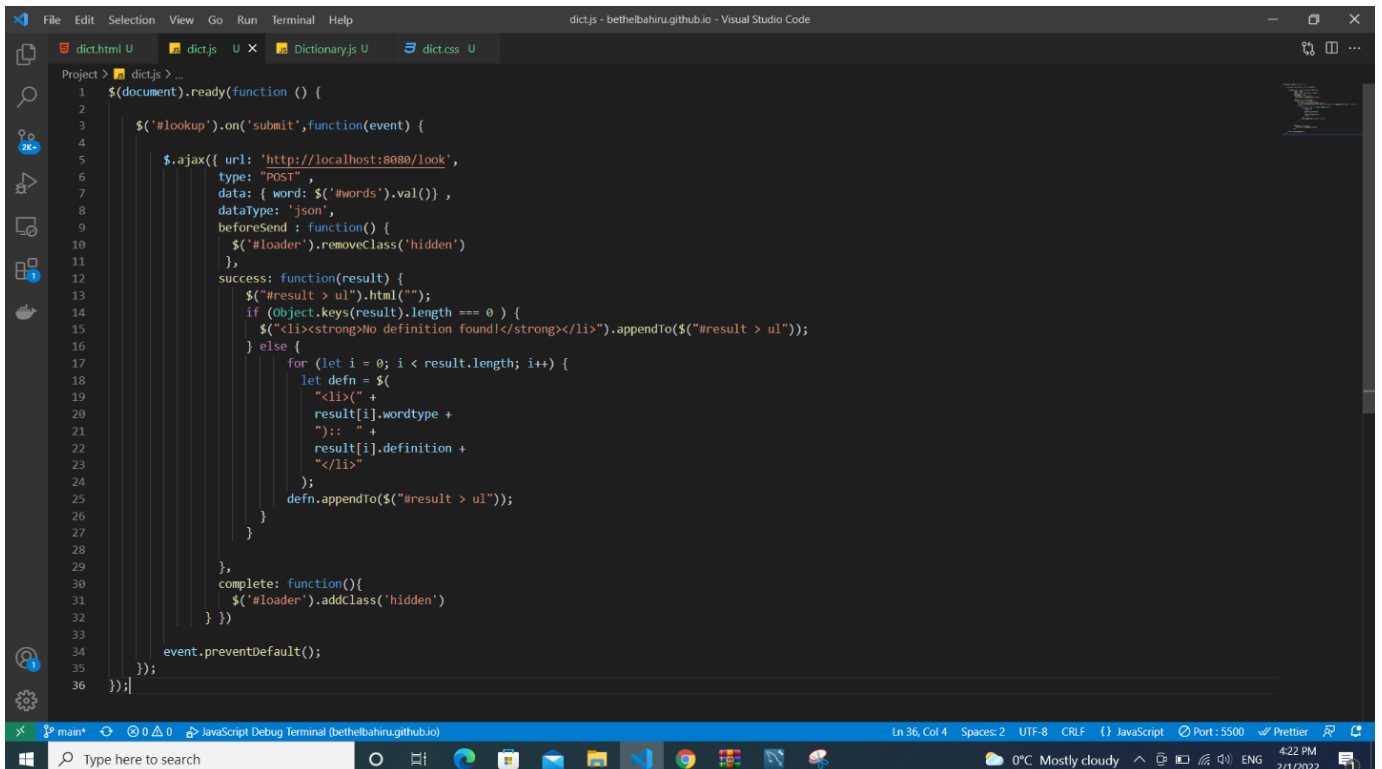
0°C Mostly cloudy 4:59 PM 2/1/2022

## ➤ dict.html file



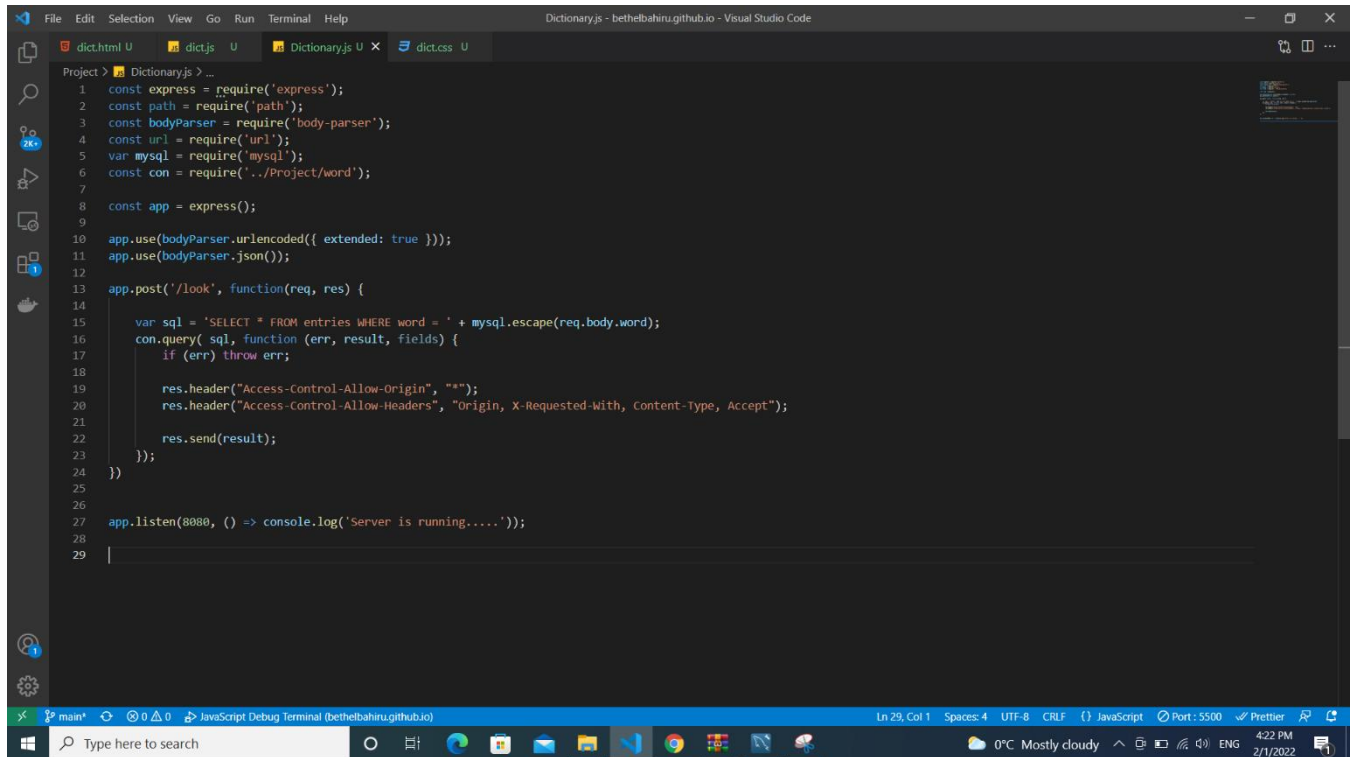
```
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <meta http-equiv="X-UA-Compatible" content="IE=edge">
6   <meta name="viewport" content="width=device-width, initial-scale=1.0">
7   <title>Online Dictionary Project</title>
8   <link href="..." rel="shortcut icon">
9   <link href="..." rel="stylesheet">
10  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.6.0/jquery.min.js"></script>
11  <script src="..."></script>
12 </head>
13 <body>
14   <div id="header">
15     
16     <h1>WAP Online Dictionary</h1>
17   </div>
18   <div id="container">
19     <form id="lookup">
20       <label>Term:</label> <input id="words" type="text" maxlength="20" name="word" placeholder="Search for a word" minlength="1" required>
21       <input type="submit" value="Look Up">
22     </form>
23   </div>
24   <div id="loader" class="lds-dual-ring hidden overlay"></div>
25   <div id="result">
26     <ul></ul>
27   </div>
28   <div id="checkers">
29     <a href="http://validator.w3.org/nu/?doc=https://bethelbahiru.github.io/Project/views/dict.html">
30       </a>
31     <a href="http://validator.w3.org/nu/?doc=https://bethelbahiru.github.io/project/dict.css">
32       </a>
33     <a href="https://webster.cs.washington.edu/jslint/?referer">
34       </a>
35   </div>
36 </body>
37 </html>
```

## ➤ dict.js file



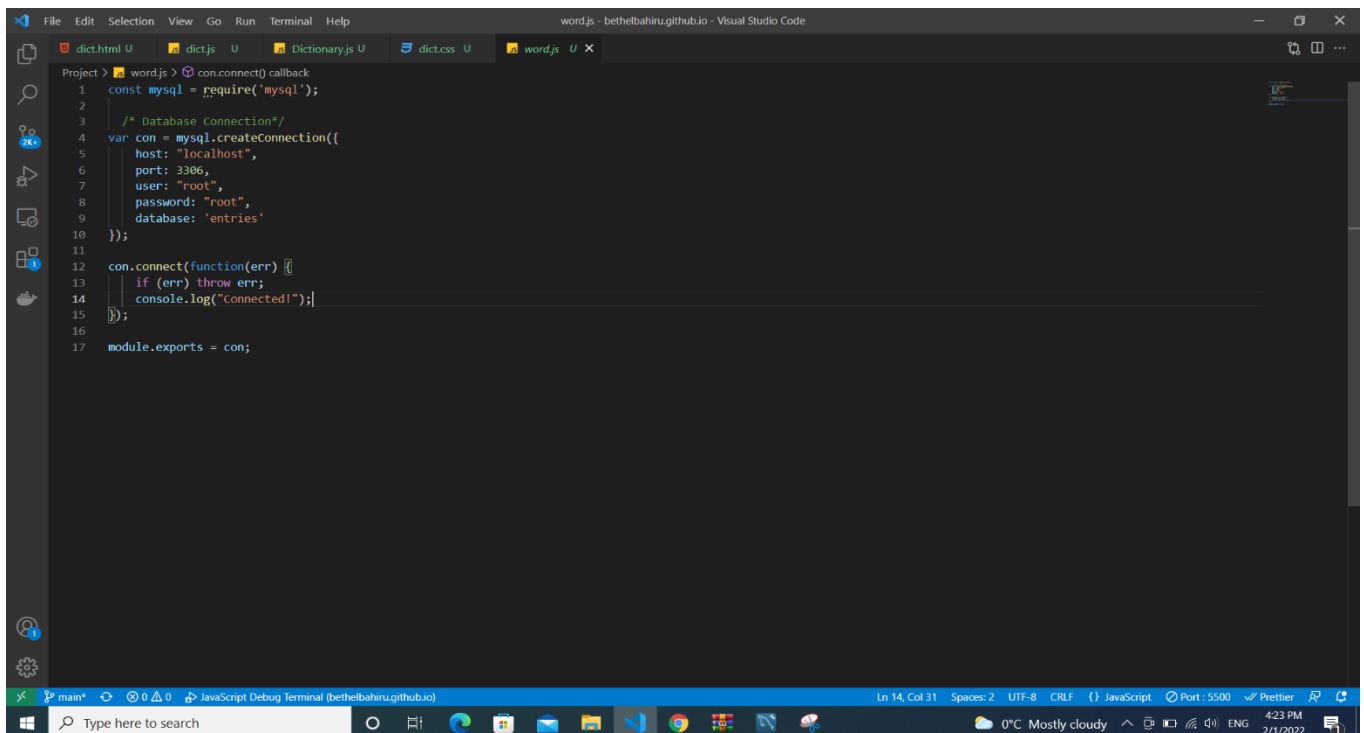
```
1 $(document).ready(function () {
2
3   $('#lookup').on('submit',function(event) {
4
5     $.ajax({ url: 'http://localhost:8080/look',
6       type: 'POST',
7       data: { word: $('#words').val() },
8       dataType: 'json',
9       beforeSend: function() {
10         $('#loader').removeClass('hidden')
11       },
12       success: function(result) {
13         $('#result > ul').html("");
14         if (Object.keys(result).length == 0) {
15           $('#<strong>No definition found!</strong>').appendTo($('#result > ul'));
16         } else {
17           for (let i = 0; i < result.length; i++) {
18             let defn = $(
19               "<li>(" +
20                 result[i].wordtype +
21                 "): " +
22                 result[i].definition +
23               "</li>"
24             );
25             defn.appendTo($('#result > ul'));
26           }
27         }
28       },
29       complete: function(){
30         $('#loader').addClass('hidden')
31       }
32     });
33     event.preventDefault();
34   });
35 });
```

## ➤ Dictionary.js file



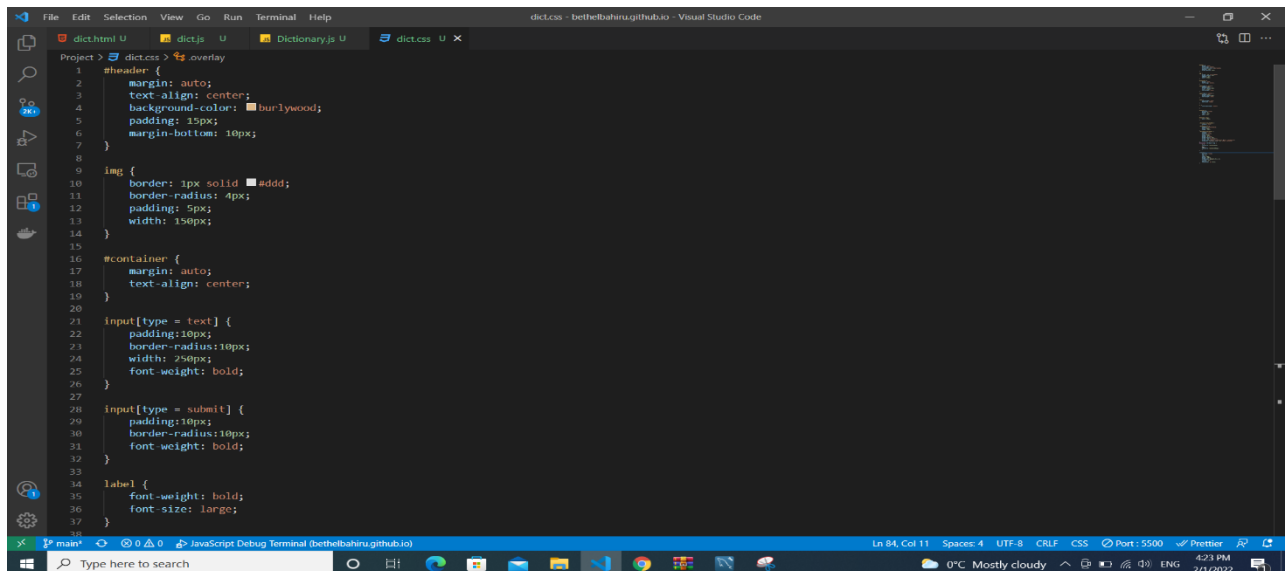
```
1  const express = require('express');
2  const path = require('path');
3  const bodyParser = require('body-parser');
4  const url = require('url');
5  var mysql = require('mysql');
6  const con = require('../Project/word');
7
8  const app = express();
9
10 app.use(bodyParser.urlencoded({ extended: true }));
11 app.use(bodyParser.json());
12
13 app.post('/look', function(req, res) {
14
15     var sql = 'SELECT * FROM entries WHERE word = ' + mysql.escape(req.body.word);
16     con.query( sql, function (err, result, fields) {
17         if (err) throw err;
18
19         res.header("Access-Control-Allow-Origin", "");
20         res.header("Access-Control-Allow-Headers", "Origin, X-Requested-With, Content-Type, Accept");
21
22         res.send(result);
23     });
24 })
25
26
27 app.listen(8080, () => console.log('Server is running.....'));
28
29
```

## ➤ word.js file

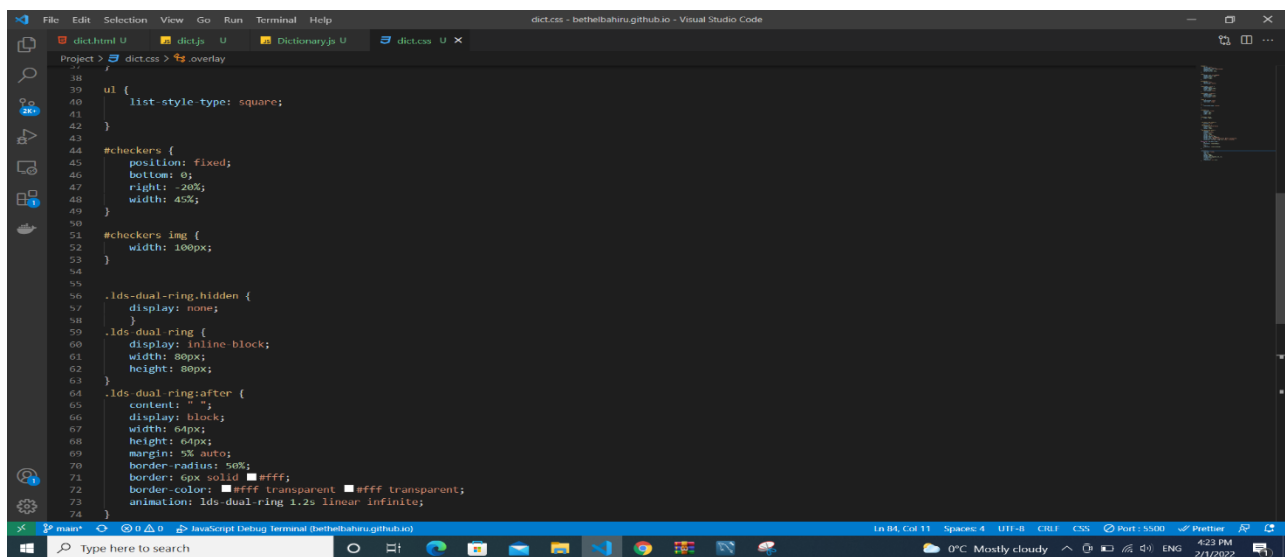


```
1  const mysql = require('mysql');
2
3  /* Database Connection*/
4  var con = mysql.createConnection({
5      host: "localhost",
6      port: 3306,
7      user: "root",
8      password: "root",
9      database: 'entries'
10 });
11
12 con.connect(function(err) {
13     if (err) throw err;
14     console.log("connected!");
15 });
16
17 module.exports = con;
```

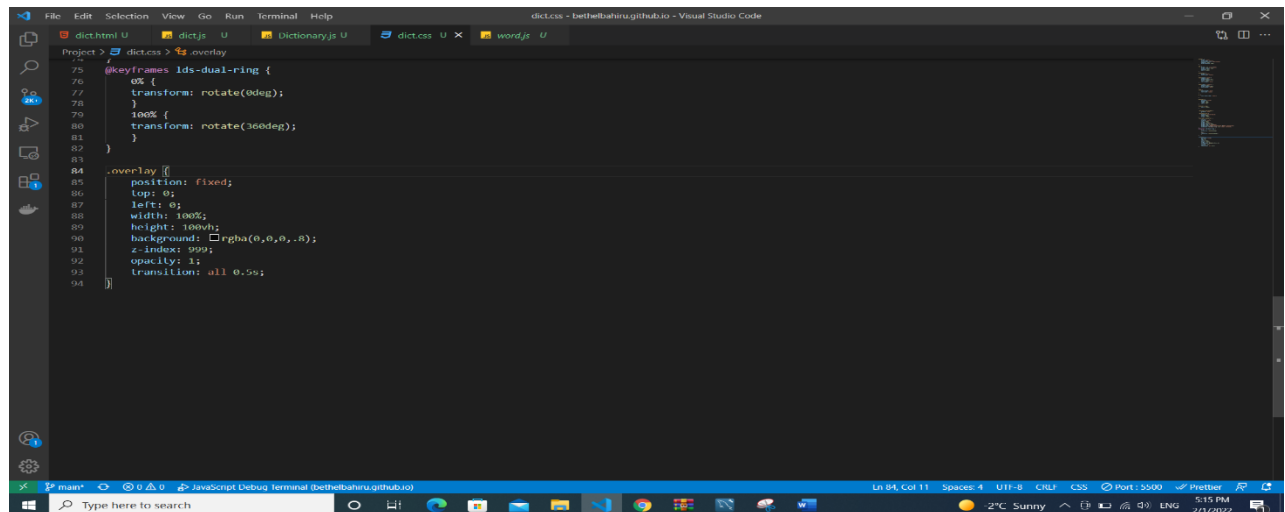
## ➤ dict.css file



```
1  #header {
2    margin: auto;
3    text-align: center;
4    background-color: #burlywood;
5    padding: 15px;
6    margin-bottom: 10px;
7  }
8
9
10 img {
11   border: 1px solid #ddd;
12   border-radius: 4px;
13   padding: 5px;
14   width: 150px;
15 }
16
17 #container {
18   margin: auto;
19   text-align: center;
20 }
21
22 input[type = text] {
23   padding: 10px;
24   border-radius: 10px;
25   width: 250px;
26   font-weight: bold;
27 }
28
29 input[type = submit] {
30   padding: 10px;
31   border-radius: 10px;
32   font-weight: bold;
33 }
34
35 label {
36   font-weight: bold;
37   font-size: large;
38 }
```



```
39
40 ul {
41   list-style-type: square;
42 }
43
44 #checkers {
45   position: fixed;
46   bottom: 0;
47   right: -20%;
48   width: 45%;
49 }
50
51 #checkers img {
52   width: 100px;
53 }
54
55
56 .lds-dual-ring.hidden {
57   display: none;
58 }
59
60 .lds-dual-ring {
61   display: inline-block;
62   width: 80px;
63   height: 80px;
64 }
65
66 .lds-dual-ring:after {
67   content: "";
68   display: block;
69   width: 64px;
70   height: 64px;
71   margin: 5% auto;
72   border-radius: 50%;
73   border: 6px solid #fff;
74   border-color: #fff transparent #fff transparent;
75   animation: lds-dual-ring 1.2s linear infinite;
76 }
```



```
77
78 @keyframes lds-dual-ring {
79   0% {
80     transform: rotate(0deg);
81   }
82   100% {
83     transform: rotate(360deg);
84   }
85 }
86
87 .overlay {
88   position: fixed;
89   top: 0;
90   left: 0;
91   width: 100%;
92   height: 100%;
93   background: rgba(0,0,0,.8);
94   z-index: 999;
95   opacity: 1;
96   transition: all 0.5s;
97 }
```