

Online Dictionary – Final Project

<http://localhost/OnlineDictionary>

Online Dictionary

localhost:7070/OnlineDictionary

WAP Online Dictionary

Term:

Online Dictionary

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WAP Online Dictionary

Term:

1(n.) :: A square-rigged vessel, differing from a brig only in that she has a trysail mast close abaft the mainmast, on which a large trysail is hoisted.

2(n.) :: Watery particles congealed into white or transparent crystals or flakes in the air, and falling to the earth, exhibiting a great variety of very beautiful and perfect forms.

3(n.) :: Fig.: Something white like snow, as the white color (argent) in heraldry; something which falls in, or as in, flakes.

4(v. i.) :: To fall in or as snow; -- chiefly used impersonally; as, it snows; it snowed yesterday.

5(v. t.) :: To scatter like snow; to cover with, or as with, snow.

dict.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta http-equiv="X-UA-Compatible" content="IE=edge">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Online Dictionary</title>
  <link rel="stylesheet" href="css/dict.css">
  <script src="scripts/jquery-3.6.0.min.js"></script>
</head>
<body>
  <div id="top">
    <div id='header'>
      WAP Online Dictionary
    </div>    <div id='form'>
      Term:
      <input type='text' id='word' name='word' placeholder="Search..">
      <input type='button' id='lookup' value='Lookup'>
    </div>
  </div>
  <div id='show'>

  </div>
  <footer>
    <div class='foot'>
      <a href="http://validator.w3.org/nu/?uri=https://github.com/seyfe-geb/seyfe-geb/blob/main/Final Project - Dictionary/dict.html">
        
      </a>
      <a href="http://jigsaw.w3.org/css-validator/validator?uri=https://github.com/seyfe-geb/seyfe-geb/blob/main/Final Project - Dictionary/dict.css">
        
      </a>
      <a href="http://mumstudents.org/jshint/check.php?uri=https://github.com/seyfe-geb/seyfe-geb/blob/main/Final Project - Dictionary/dict.js">
        
      </a>
    </div>
    <pre>Developed by: Seyfegebriel Mamo | Email:
<a href="mailto:smamo@miu.edu">smamo@miu.edu</a></pre>
  </footer>
  <!-- the javascripts -->
  <script src="scripts/word.js"></script>
  <script src="scripts/dict.js"></script>
</body>
</html>
```

dict.css

```
body{
  padding:0;
  margin:0;
  font-family:'monotype corsiva';
}
#top{
  position: sticky;
  top:0;
}
#header{
  border:1px solid black;
  border-radius: 15px;
  color:darkred;
  font-weight: bolder;
  font-size: 22pt;
  background-color: lightgreen;
  text-align: center;
  padding: 10px;
}
#form{
  padding: 10px 200px;
  background-color: whitesmoke;
  font-size: 20pt;
  font-family:'monotype corsiva', 'Courier New', Courier, monospace;
  box-shadow: 1px 1px lightgrey;
}
.row{
  padding: 10px;
  font-family: Times;
  font-size: 18px;
}
input[type=text]{
  width:40%;
  padding: 2px;
  font-size: 16px;
}

input[type=button]{
  box-shadow:inset 0px -3px 7px 0px #29bbff;
  background:linear-gradient(to bottom, #2dabf9 5%, #0688fa 100%);
  background-color:#2dabf9;
  border-radius:3px;
  border:1px solid #0b0e07;
  display:inline-block;
  cursor:pointer;
  color:#ffffff;
  font-family:Arial;
  font-size:15px;
  padding:4px 23px;
```

```
text-decoration:none;
text-shadow:0px 1px 0px #263666;
}

input[type=button]:hover {
  background:linear-gradient(to bottom, #0688fa 5%, #2dabf9 100%);
  background-color:#0688fa;
}
input[type=button]:active {
  position:relative;
  top:1px;
}

hr {
  border-top: 0px solid grey;
}

footer{
  position: fixed;
  bottom: 0;
  width: 100%;
  padding-top: 10px;
  background-color: lightgray;
  text-align: center;
  color: black;
}
.foot{
  float: left;
}
a{
  text-decoration: none;
  color: red;
}
img{
  height: 30px;
  width: 60px;;
}
#show{
  font-family: 'Times New Roman', Times, serif;
  background-color: lightgreen;
}
pre{
  text-align: right;
}
```

dict.js

```
$(document).ready(()=>{
  $('#lookup').click(()=>{
    var word= $('#word').val();
    $.ajax({
      "url": "http://localhost:7070/",
      "data": {"word": word},
      "type": "GET",
      "success": showResult,
      "error": errorHandler
    });

    $("#word").keyup(function(event) {
      if (event.keyCode === 13) {
        $("#lookup").click();
      }
    });
  })
});

function showResult(data){
  var output= "";
  for(var i=0; i<data.length; i++){
    var type= data[i].wordtype;
    var def= data[i].definition;
    output+= "<div class= 'row'>" + (i+1) + "("+type+")" + " :: " + def + ' </div> <hr>'
  }
  $("#show").html(output);
}

function errorHandler(){
  console.log('Error ocured from the server');
}
```

word.js

```
exports.queryWord= function(word, res){
const mysql = require('mysql');

var con = mysql.createConnection({
  host: "localhost",
  database: "entries",
  port: 3306,
  user: "root",
  password: "password",
});

con.connect(function (err) {
  if (err) throw err;
});

var sql = `SELECT wordtype, definition FROM entries where word= '${word}'`;
con.query(sql, function (err, data) {
  if (err) throw err;
  res.json(data);
});
}
```

dictionary.js

```
var express = require('express');

var app = express();
var PORT = 7070

app.use(express.static("./"));

app.listen(PORT, () => console.log("Server start on port: " + PORT))

app.get('/', (req, res) => {
  var word= req.query.word;
  var query= require('./scripts/word');
  query.queryWord(word, res);
})

app.get('/OnlineDictionary', function(req, res){
  var path = require('path');
  res.sendFile(path.join(__dirname, '/dict.html'));
})
```