Lab Assignment - 2 (NodeJS)

19CSE445 – Cloud Computing

HTML with CSS:

1.



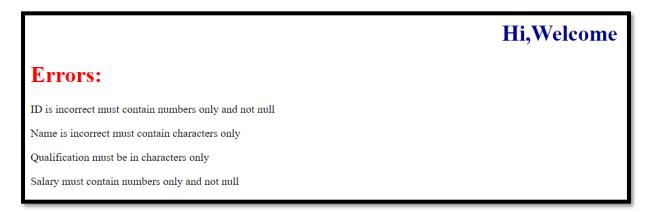
Loading HTML through NodeJS: (Client Side)



ADD NEW EMPLOYEE
Employee Id
Employee Name
Qualification
Designation SalesBoy V
Salary
AddRecord

Validation JS file (Server side):

If form is empty, validation page shows:



Case(i): Qualification not entered

ADD NEW EMPLOYEE

Employee Id	453	
Employee Name	Abhinav	
Qualification		
Designation	SalesBoy V	
Salary	0	
1	AddRecord	Exit

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Errors:

Qualification must be in characters only

Case(ii): Id and Name not entered

ADD NEW EMPLOYEE

Employee Id		
Employee Name		
Qualification	School	
Designation	SalesBoy V	
Salary	1000 \$	
	AddRecord	Exit

Errors:

ID is incorrect must contain numbers only and not null

Name is incorrect must contain characters only

HTML:

```
<!DOCTYPE html>
class="label">Employee Id</label>
                    <label for="text"</pre>
                   <input type="text" name="name" id="name"/>
                class="label">Qualification</label>
value="" id="qual"/>
                <option value="i">SalesBoy</option>
                       <option value="p">Marketing</option>
                       <option value="a">Accountant</option>
                       <option value="c">Audit
                       <option value="other">other</option>
id="sal"/>
                   <div align="center"><input
                   </div>
             </form>
```

CSS:

```
body {
a {
a:hover {
h1,
h2,
h3,
h4,
```

Client.js (Accessing html file thorugh server):

```
var http = require("http");
var path = require("path");
var fs = require('fs');

http.createServer(function (req, res) {
    fs.readFile(__dirname + '/index.html', function (err,data) {
        if (err) {
            res.writeHead(404);
            res.end(JSON.stringify(err));
            return;
        }
        res.writeHead(200);
        res.end(data);
    });
}).listen(8080);

// Console will print the message
console.log('Server running at 8080');
```

Server.js (Validation of added record):