Code:

App.js

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

var database = require('./database');

var score = 0;

var count = 0;

var app = express();

app.use(express.urlencoded());

app.set("view engine", "pug");

app.get("/", (req, res) => {

if (count < 5) {

res.render('home', { quesData: database.data()[count].question, sc : score });

} else {

res.render('scorePage', { points: score, total: count });

}

})

app.post("/checkAnswer", (req, res) => {

var answer = parseInt(req.body.answer);

var realAns = parseInt(String(database.data()[count].ans));

count++;

if (answer == realAns) {
```

```
score++;

}

res.redirect("/");

})

app.listen(3000, () => {

console.log('Node server is running');

})
```

Database.js:

```
data = function(){

return [

{"question" : [3, 1, 4, 1, 5], "ans" : 9},

{"question" : [1, 1, 2, 3, 5], "ans" : 8},

{"question" : [1, 4, 9, 16, 25], "ans" : 36},

{"question" : [2, 3, 5, 7, 11], "ans" : 13},

{"question" : [1, 2, 4, 8, 16], "ans" : 32}

];

}

exports.data = data;
```

Home.pug

```
html

        head

        title Quiz App
```

```pug
    style
        include style.css
    body
        div.container
            h1 The Number Quiz
            p Your score is #{sc}
            p Guess the next number in the sequence
            p=quesData
        form(action="/checkAnswer" method="post")
            label Your answer:
            input(type="text" name="answer")
            input(type="submit")
```

ScorePage.pug

```pug
html
    head
        title Score
        style
        include style.css
    body
        div.container
            h1 The Number Quiz
            p Your current score is points #{points}
```
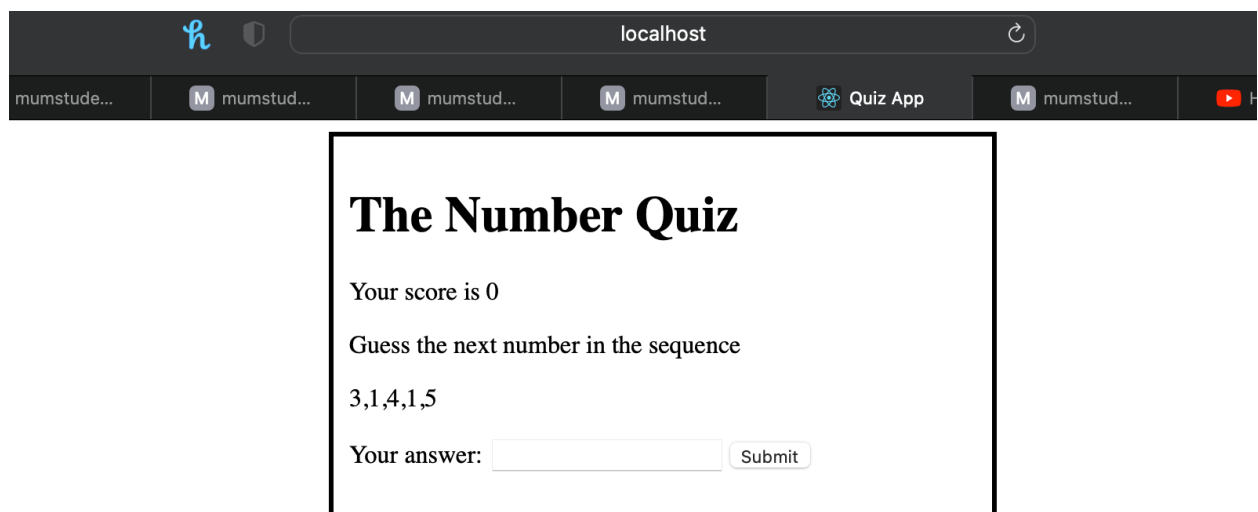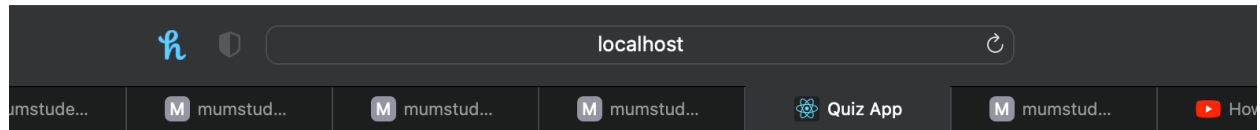
p You have completed the Number Quiz, with a score of #{points} out of #{total}.

Style.css

.container{

    border: 3px solid black;

    margin: auto;
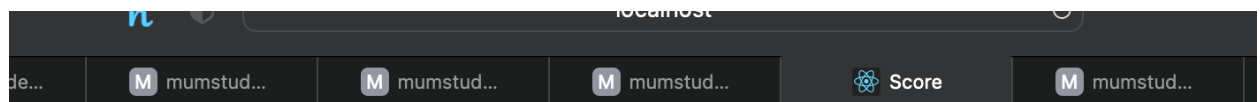
    width: 400px;

    padding: 10px;

}

Output:

The Number Quiz

Your score is 2

Guess the next number in the sequence

1,4,9,16,25

Your answer: [   ] Submit

The Number Quiz

Your current score is points 3

You have completed the Number Quiz, with a score of 3 out of 5.