Number Quiz

result.pug file

```
views >  result.pug
1    html
2        head
3            title The Number quiz
4            link(rel='stylesheet',href='number.css')
5        body
6            div(class="container")
7                fieldset
8                    legend  Completed
9                    h1 The number quiz
10                   h3 you current score
11                   p you have completed the quiz, with out score of 5
```

number.pug file

```
views > 🐛 number.pug
  1    html
  2        head
  3            title The Number Quiz
  4            link(rel='stylesheet', href='number.css')
  5        body
  6            div(class="container")
  7                fieldset
  8                    legend The Number Quiz
  9                    h1 The Number Quiz
 10                    p The current score is #{score}
 11                    p Guess the next number in the sequence
 12                    p #{questions.sequence}
 13                    form(class="form", action="/", method="POST")
 14                        div(class="form-body")
 15                            input(type="hidden", value=step, name="step")
 16                            input(type="hidden", value=score, name="score")
 17                        div(class="form-body")
 18                            label(class="form-label", for="answer") Your answer:
 19                            input(class="from-input", name="answer" size="12" type="number" steps="1")
 20                        div(class="form-body")
 21                            span(class="form-label")
 22                            input(type="submit" value="Submit")
```

ap.js file

```js
JS app.js > ...
  1    const express = require('express');
  2    const app = express();
  3    const port = 2000;
  4    const urlencodedParser = express.urlencoded({ extended: false })
  5    app.use(express.static('./'));
  6
  7
  8
  9    app.set("view engine","pug");
 10
 11    const questions=[
 12        {"qid":1, "sequence":"3, 1, 4, 1, 5","answer":9},
 13        {"qid":2, "sequence":"1, 1, 2, 3, 5","answer":8},
 14        {"qid":3, "sequence":"1, 4, 9, 16, 25","answer":36},
 15        {"qid":4, "sequence":"2, 3, 5, 7, 11","answer":13},
 16        {"qid":5, "sequence":"1, 2, 4, 8, 16","answer":32},
 17    ];
 18
 19    app.get('/',function(req,res){
 20        res.render('number',{questions:questions[0],score:0,step:0})
 21    });
 22
 23    app.post('/',urlencodedParser,function(req,res){
 24        console.log(req.body);
 25        let data=req.body;
 26        let step=parseInt(data.step);
 27        let score=parseInt(data.score);
 28        let answer=parseInt(data.answer);
 29        if(step+1==questions.length){
```

```js
      let step=parseInt(data.step);
      let score=parseInt(data.score);
      let answer=parseInt(data.answer);
      if(step+1==questions.length){
          if(answer===questions[step].answer){
              score+=1;
          }
          res.render('result',{step:0,score:score});
      }else{
          if(answer===questions[step].answer){
              score+=1;
          }
          step+=1;
          res.render('number',{questions:questions[step],step:step,score:score})

      }
});

app.listen(port, () => {
    console.log(`listening on port ${port}!`)
});
```

outputs

localhost:2000

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Completed

The number quiz

you current score

you have completed the quiz, with out score of 5

The Number Quiz

The Number Quiz

The current score is 0

Guess the next number in the sequence

1, 2, 4, 8, 16

Your answer:

Submit