

Introduction to Web Technology

Lab Programming Exercise (Week 13)

(this is not an assignment)

Question 1. Create a web page for JSON validation. The user can enter JSON text in a text area and the application can check whether the user input is a valid JSON or not.

Here is an example of a valid JSON:

Enter JSON to validate:

```
{
  "code": "MATH201",
  "title": "Abstract Algebra",
  "cp": 6
}
```

Validate JSON **JSON is valid**

Here is an example of invalid JSON:

Enter JSON to validate:

```
{
  "code": "MATH201",
  title: "Abstract Algebra",
  "cp": 6
}
```

Validate JSON **Error: Unexpected token t in JSON at position 25**

Question 2. Use local storage to store user input so that whenever the user starts the application, the previous input from the user is automatically loaded and displayed in the text area.

END OF THE PROGRAMMING EXERCISE