Summary Report of Project 1.0 - Vanilla Essence

Developed a server that serves three styled HTML pages alongside with a server.js file that handles all server-related tasks. The main page, index.html, serves as the homepage, featuring two links to two other HTML pages: euro24.html and world-cup-t20.html. Each of these pages showcases a list of fixtures for their respective competitions.

i) HTML Components:

- The HTML pages served by the server are index.html, euro24.html, and world-cup-t20.html.
- **index.html** serves as the home page with links to the other two pages.
- **euro24.html** displays a list of Euro football fixtures and contains a form to add new fixtures.
- **world-cup-t20.html** displays a list of World Cup T20 fixtures.

ii) Routes

- '/' represents the index.html page.
- '/euro' represents the euro24.html page.
- '/wc-t20' represents the world-cup-t20.html page.

iii) Logic behind server.js:

- For GET requests, it serves different HTML pages based on the requested URL.
- For POST requests to '/euro', it parses form data, appends it to the euro24.html page, and sends back the updated HTML.
- Listens on a port (4000)

iv) Handling of Requests and Responses:

- The server handles incoming requests using **http.createServer.**
- It differentiates between GET and POST requests using **req.method.**
- GET requests are handled by reading and serving HTML or CSS files using **fs.readFile** and writing the file content to the response using **res.write.**
- POST requests to '/euro' are handled by listening to the 'data' event on the request stream to collect **form data**, parsing it using **URLSearchParams**, and then reading the euro24.html file to append the form data. Finally, it responds with the updated HTML content.