**Developing a Backend Admin for Learner’s Academy.**

**Project details:**

This project aims to develop a full-fledged administrative portal for the Learner Academy using various java Back-end technologies. This project was a mandatory assessment for the fulfillment of Phase II (become a backend expert).

**Project features:**

* Retrieve the master list of all the classes.
* Retrieve the master list of all the students.
* Retrieve the master list of all the teachers.
* Retrieve the master list of all the subjects.
* Retrieve the student list to a specific class
* Authentication for administrative login.

**Technology and tools used:**

* JDBC- for managing and making operation on the database for the project.
* JSP- to manage the presentation view of the project.
* Servlet- to manage the business logic and function as the controller for the project.
* CSS- to format contents
* SQL- to create and manage the database.

**Stages of development:**

* Create the login JSP page.
* Create a servlet that responds to the login.
* The servlet takes control after a successful login.
* Redirects to various JSPs which the admin wants to view.
* The JSP fetches data from the preloaded database connected through JDBC.
* Styling the raw html pages.
* Pushing the code in GitHub.

**Flowchart of Application:**

Servlet

(controller)

Web Browser

Database

JSP

(view)

Login

Login Page

No

Class Information

Class Information

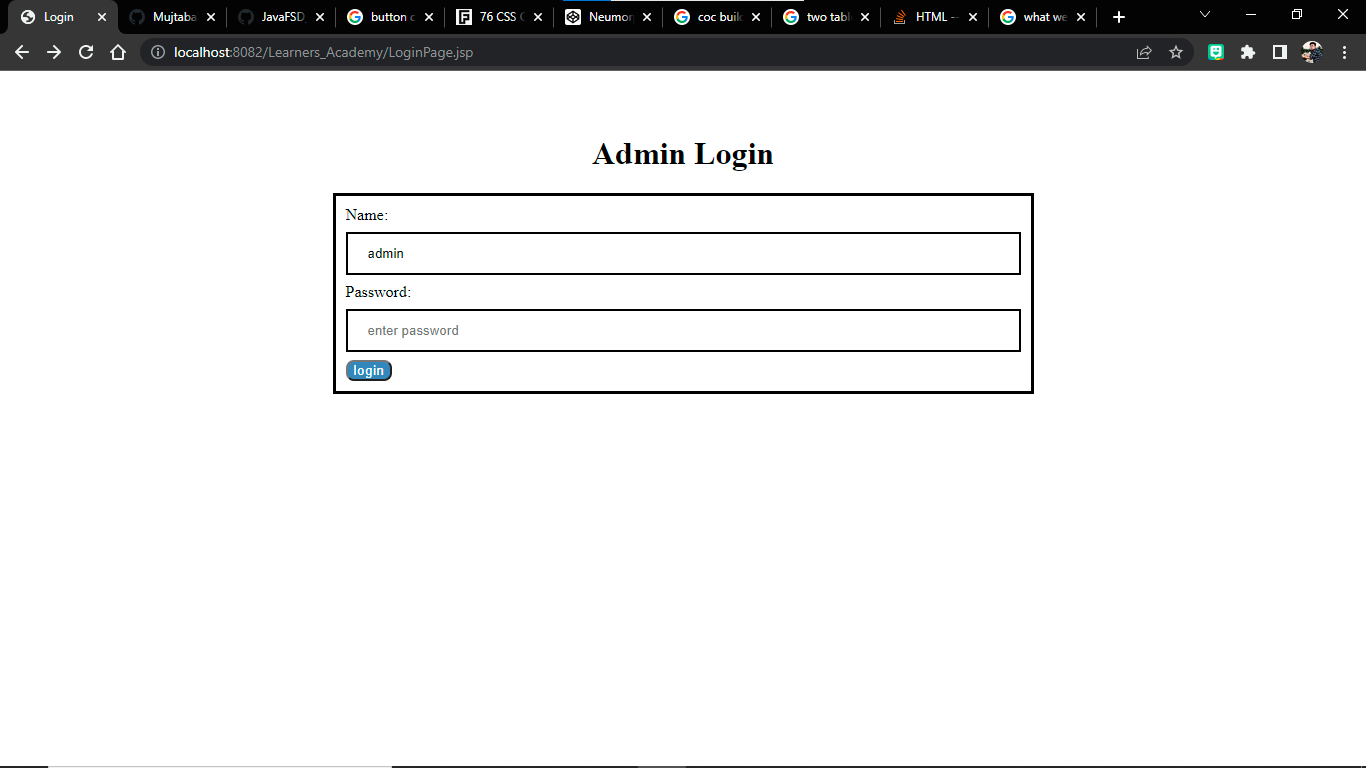
Class Information

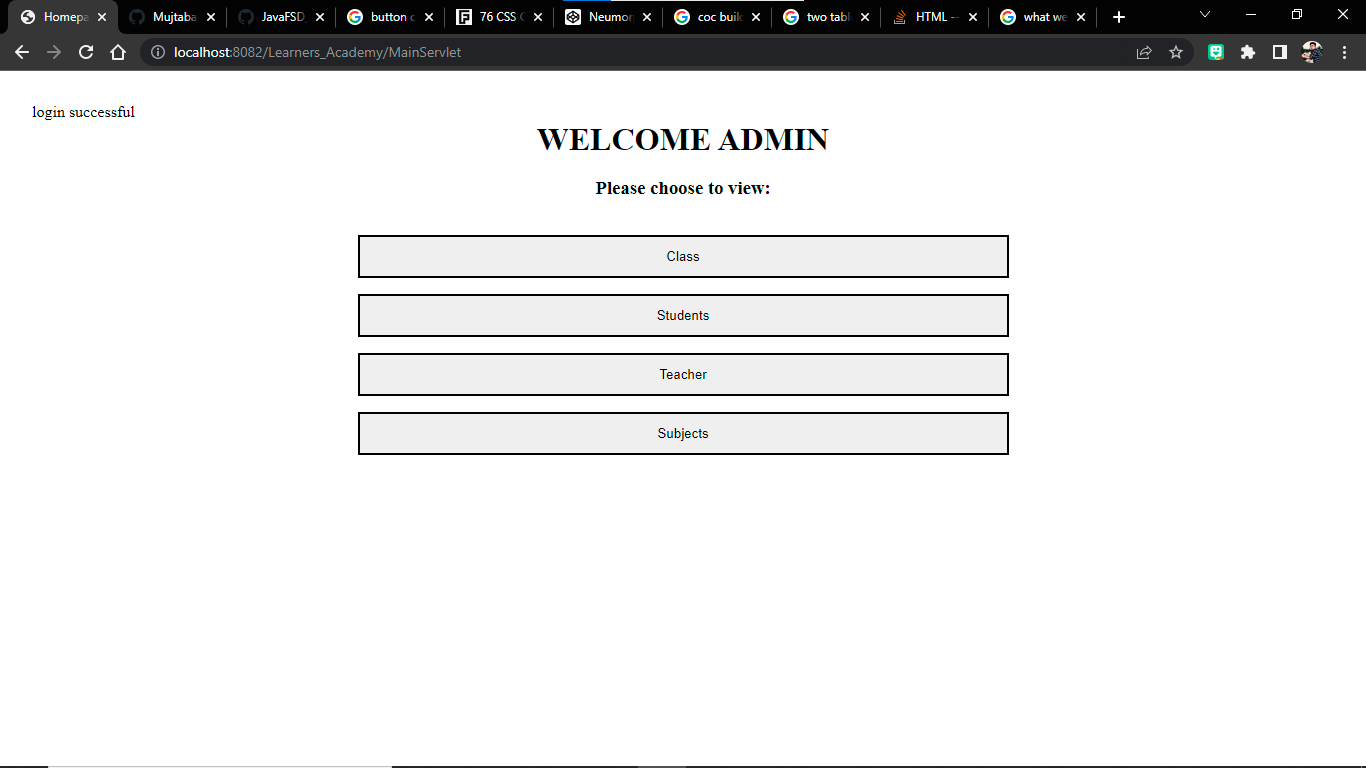
Yes

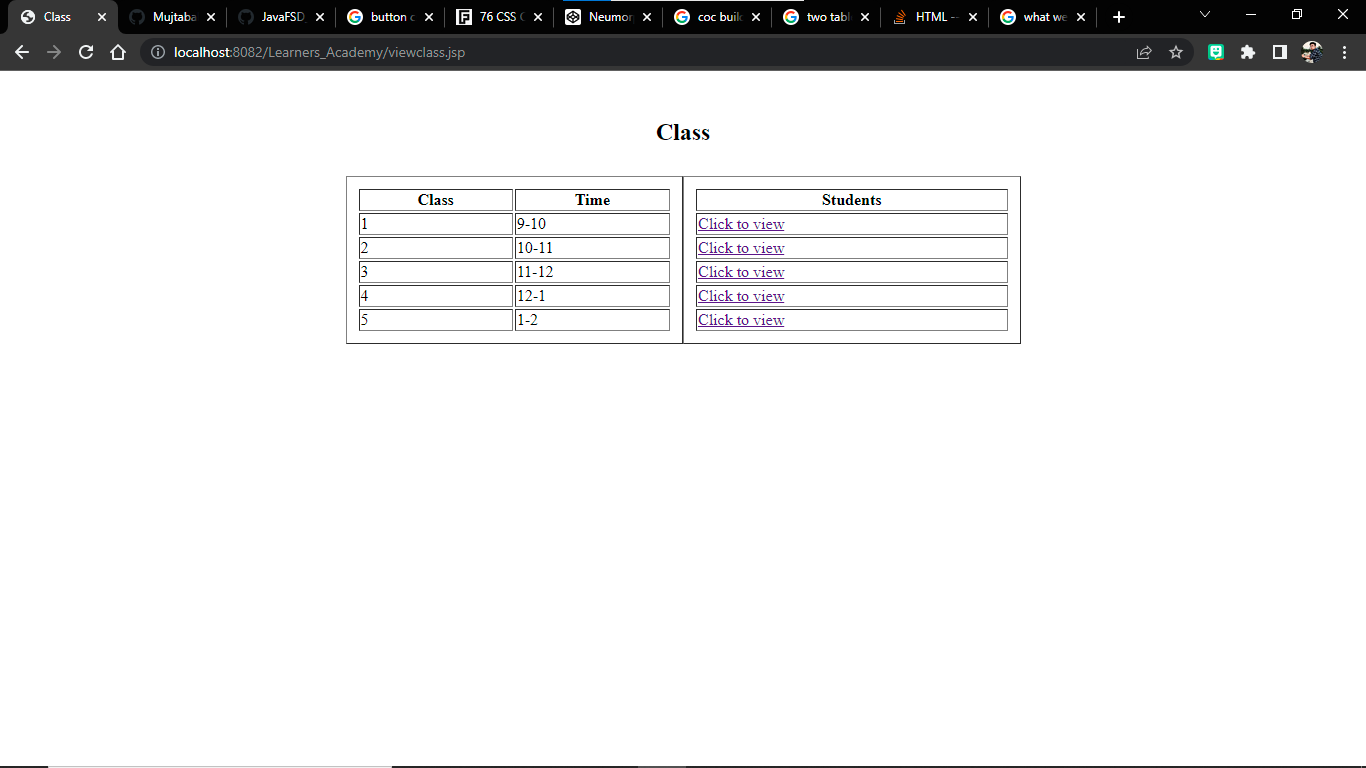
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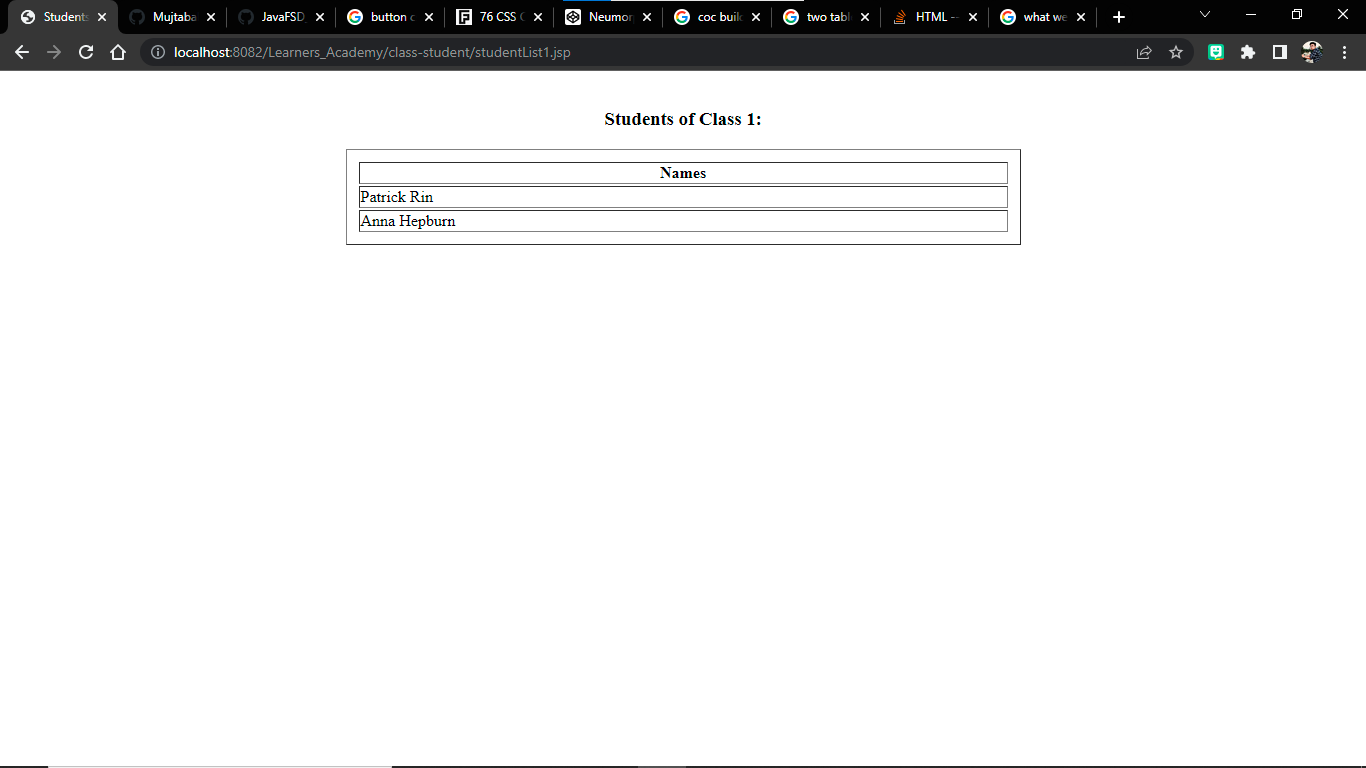
Get specific students of the class

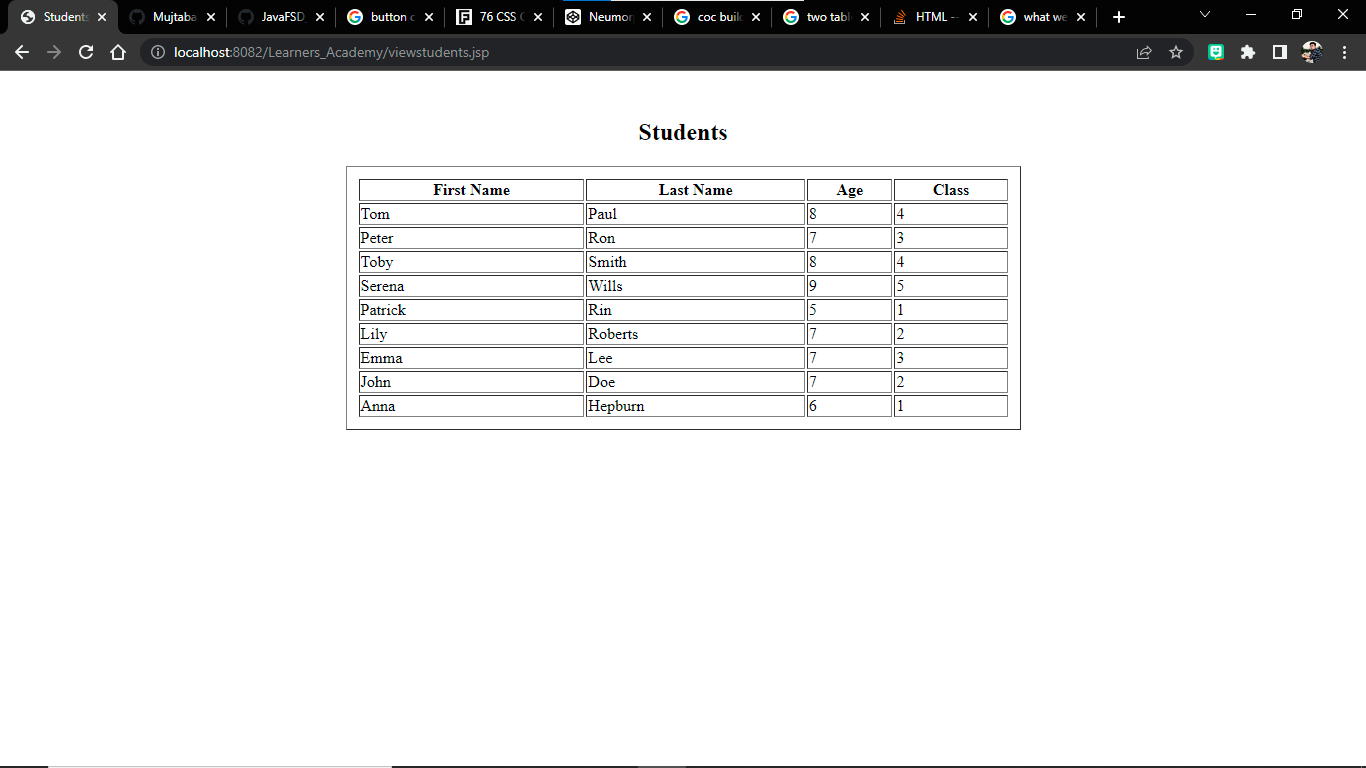
**Screenshots:**

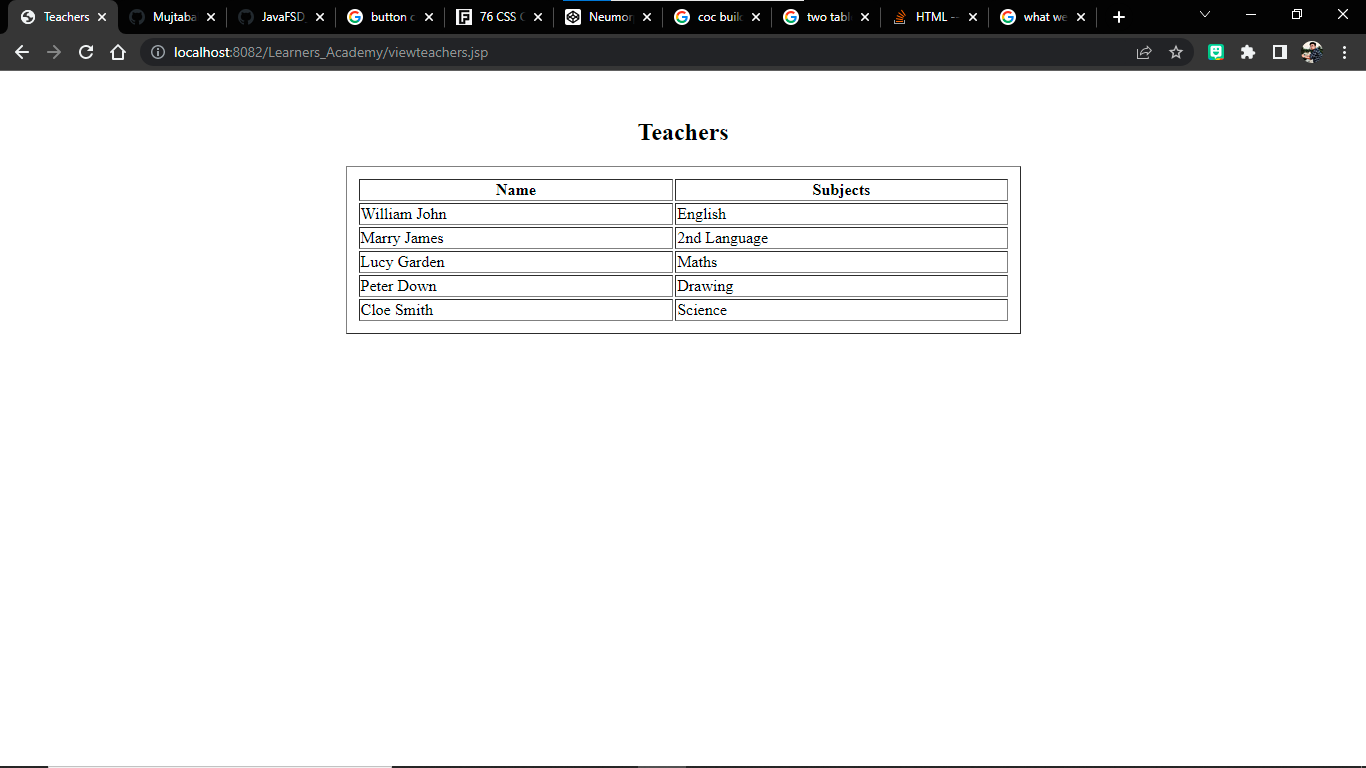
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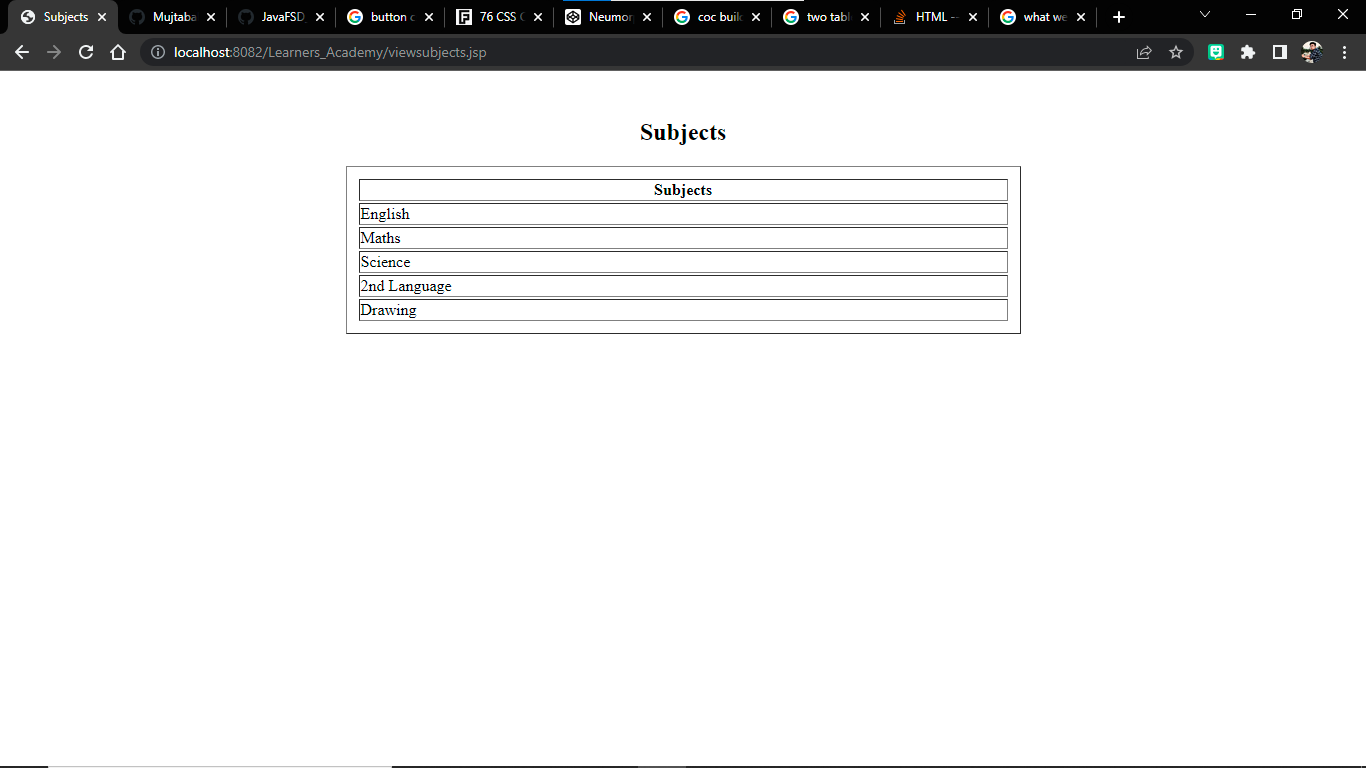
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