

# CD Store Web Server

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## Working Process:

Firstly, the user will run `store.java` and `bank.java`. Then the user will open a link of in a browser. This will send a `GET` Request to the `store.java`. Then in Response the store will send `index.html` (The Basic CD web site) to the browser. If there is no file named `index.html` then it will show 404 not found.

After opening `index.html` user will notice some CD list in the browser. He/She will click `BUY IT` button in the page. Then the page will show a form where the user needs to give his bank account information. The user will input his/her information. Then by clicking submit button the HTML backend will send the information given in the form by the user through `POST` method. The `store.java` will receive the information by `BUFFEREDREADER`. Then `store.java` will send the information to `bank.java` using `WRITER`. The bank will compare all the received information to its database which is a text file. There is some user information stored in text file. `Bank.java` will compare and after comparing it will send appropriate response according to the comparison.

The *store.java* will receive the response from *bank.java*. Then it will open another html page according to the response showing that response message form *bank.java*. Then connection will close and the store will wait again to receive another user information.

**Resources:**

We have collected html information form *w3school*.

For client/socket programing we needed help from

Medium.com