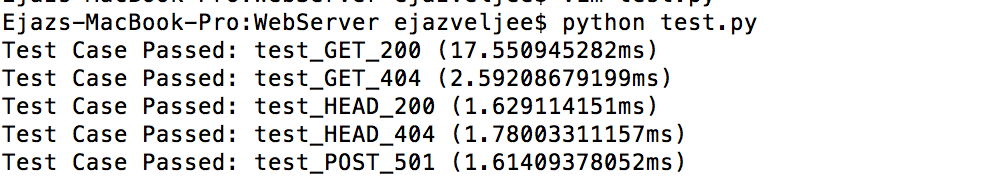
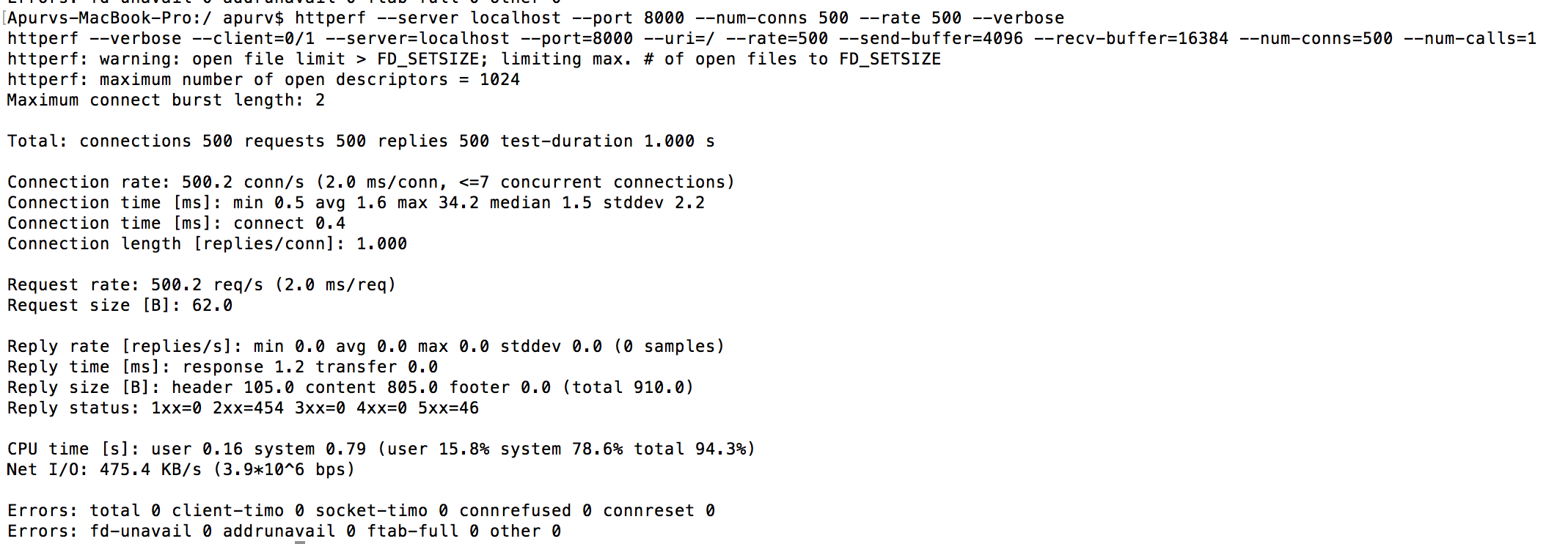
**TEST CASES**

We have written test cases to verify the working of our Multithreaded Web Server. These test cases are available in a python script **test.py**. To run the test cases, refer to the below snapshot

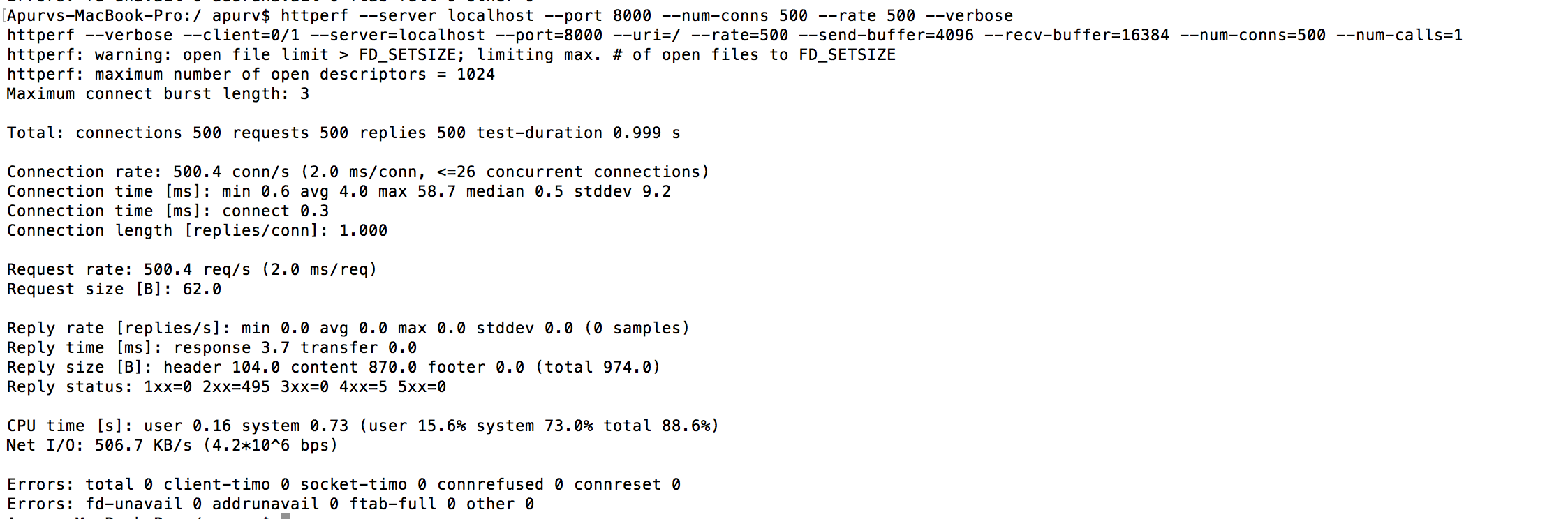


**HTTPPERF stats**

Simple server – 1 thread – We see that there were 46 requests that could not served because the server was not available to serve those requests and hence returned a 503.



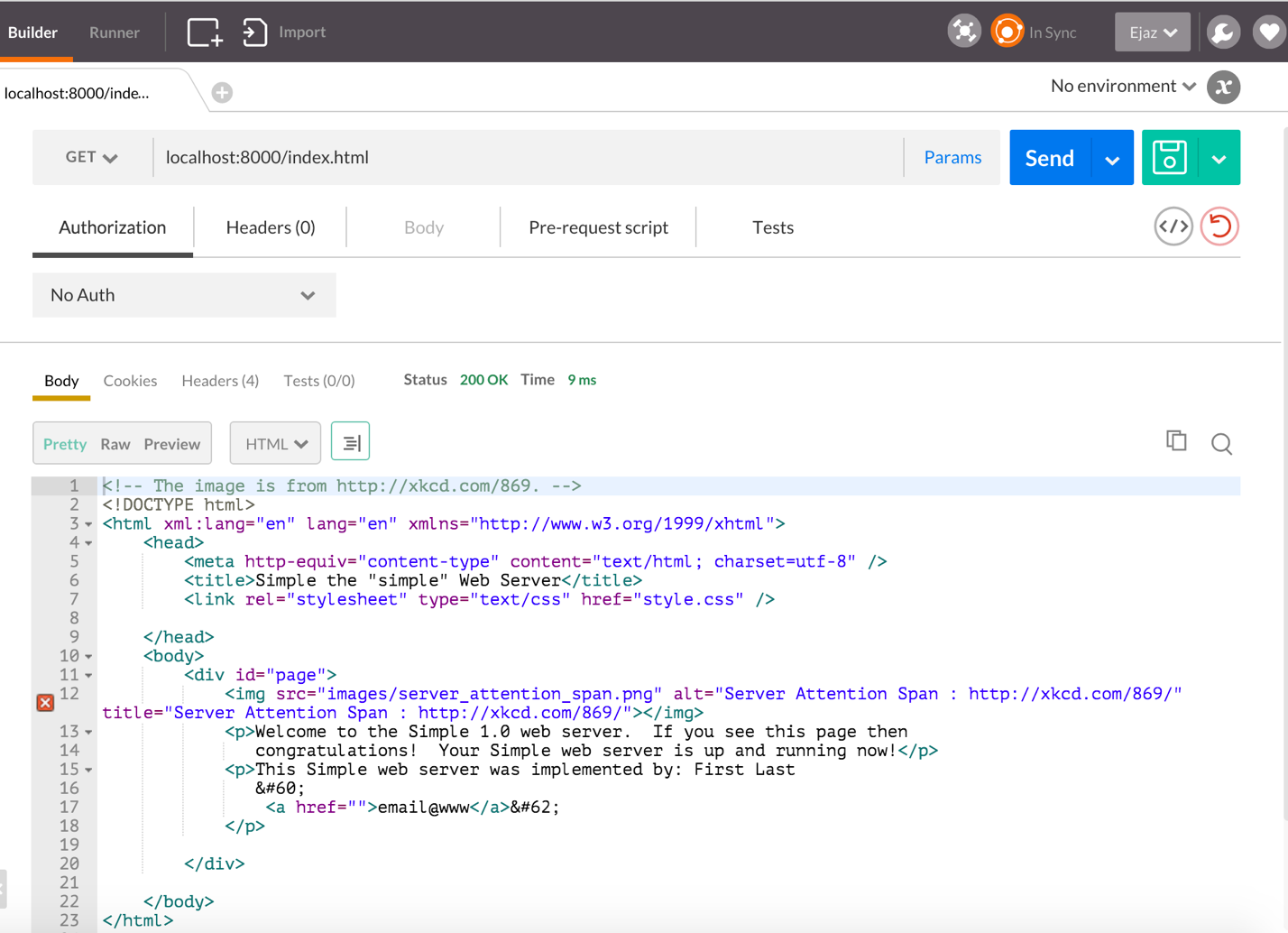
Multithreaded server – 100 possible threads. We see that, since we have 100 threads, we always have a thread available for serving the client. Therefore, we never get a 503 error.

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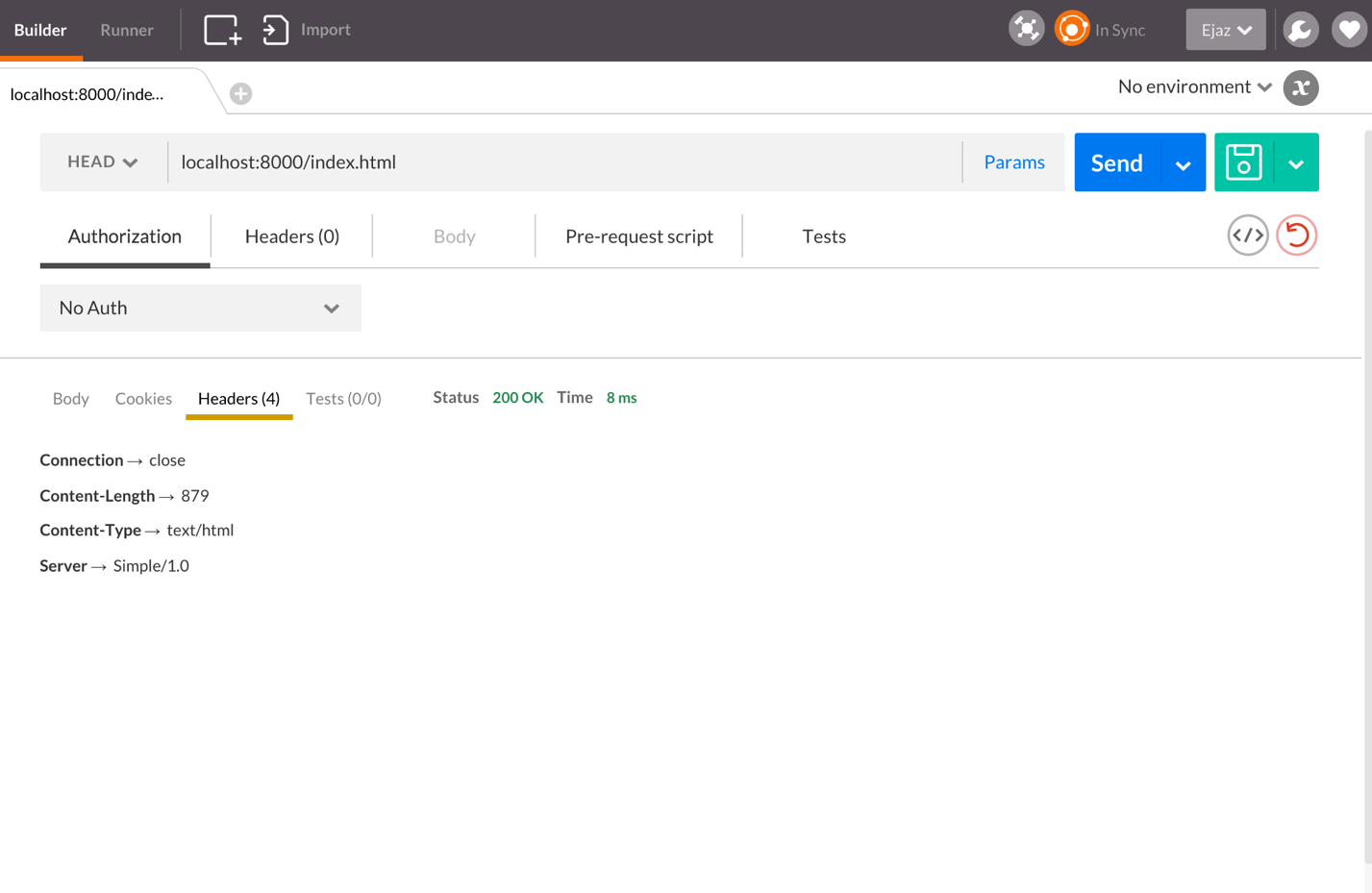
**OUTPUT SNAPSHOTS**

We have used the POSTMAN HTTP client tool to send http requests to the server

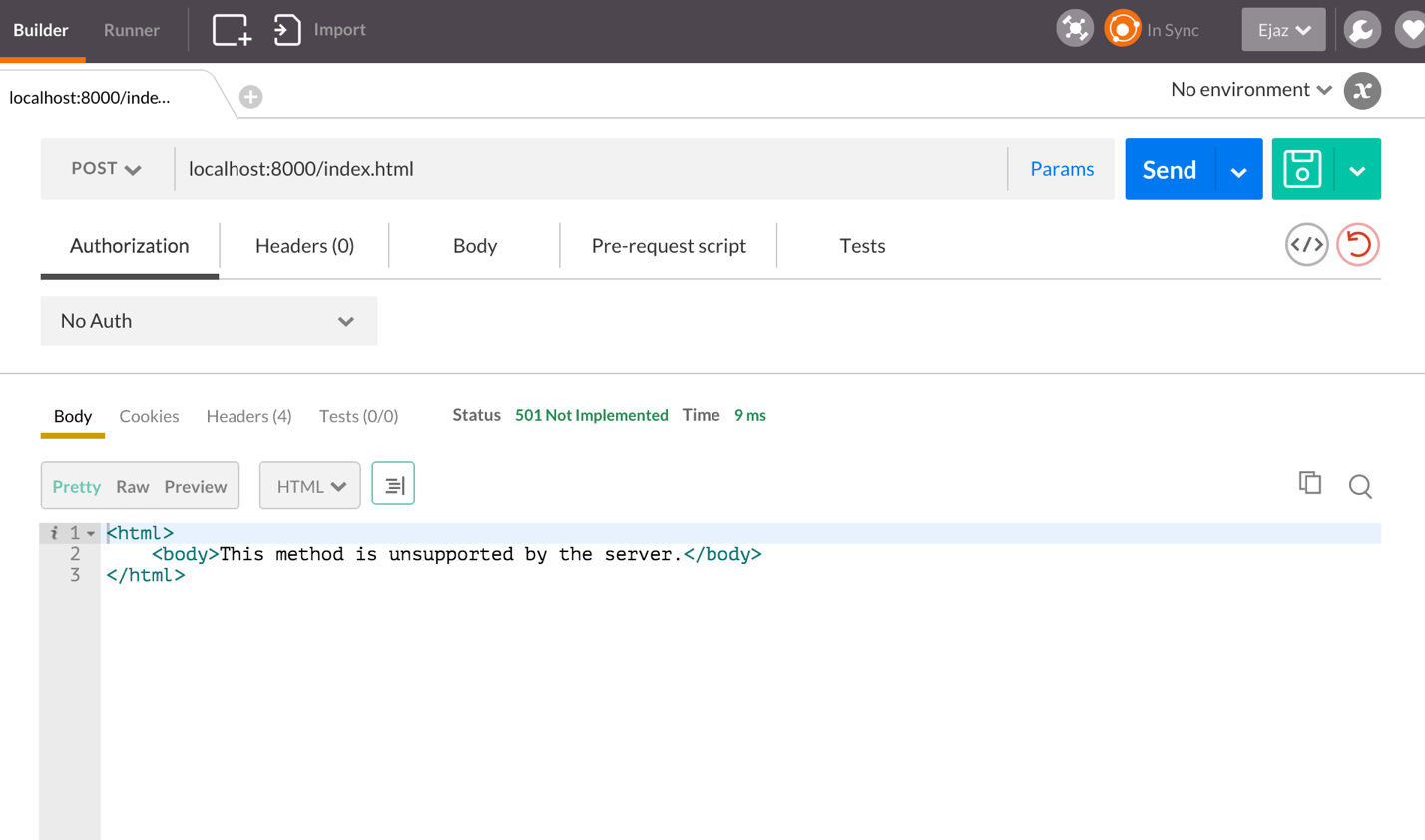
* Successful GET Request:



* Successful HEAD Request:



* Unsupported POST Request:



**START THE SERVER**

* Our server has been implemented in java. It’s an eclipse project and it can be directly imported into eclipse.
* In eclipse run the **Simple.java** file present in the package *cmu.webser.socket*
* Pass the port number as a command line argument. If the path to the www/ folder is not provide, the server chooses a default path. Hence, this parameter is not compulsory.

**PROJECT TEAM MEMBERS**

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