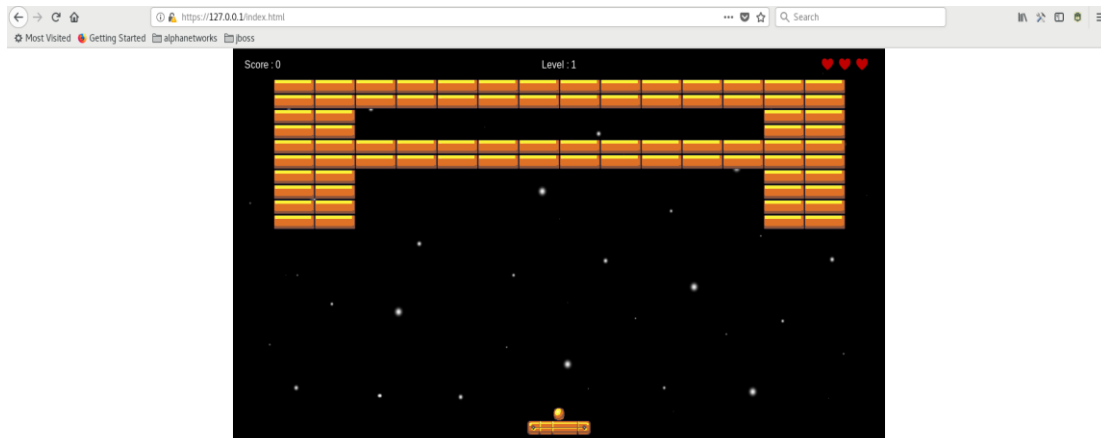
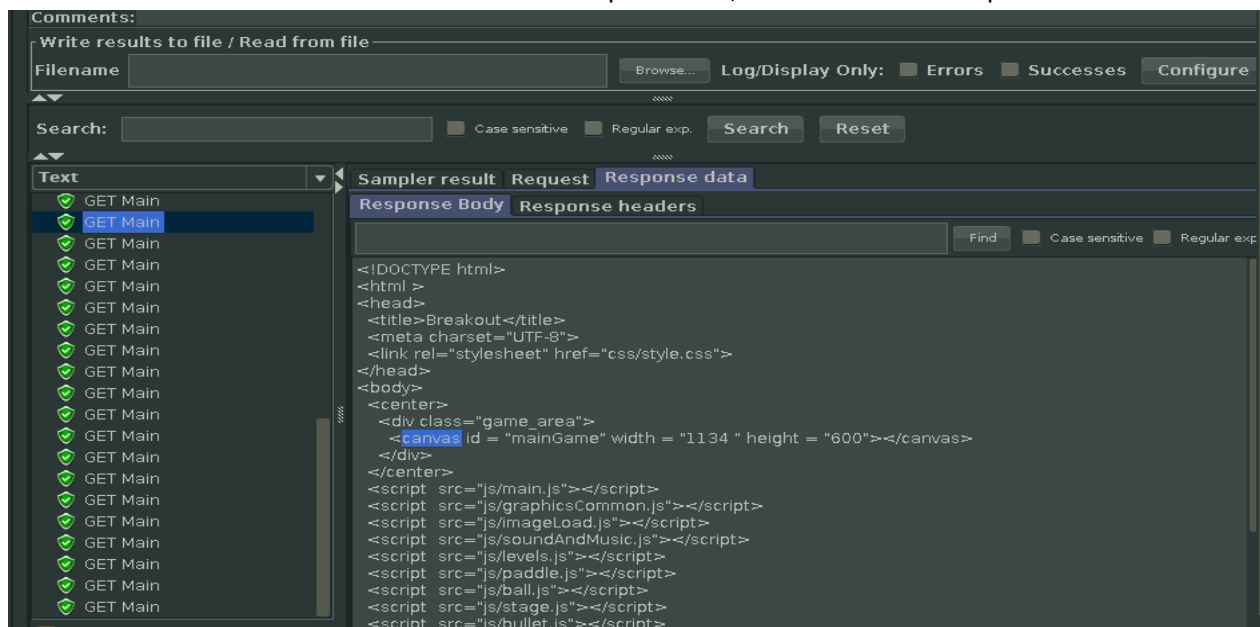


2-a Web Application test in the browser



2-b Web application https URL test

I tested the https URL of the web application using « Apache jmeter », it's an open source software designed to load test functional behavior and measure performance, for that I specified the number of the threads with 10000 and the number of the loops with 10, and this was the output



3- Dockerfile possible improvement

An application has different environments where it needs to be functional. for a production environment this Dockerfile can be improved by implementing some of the best practices for writing a Dockerfile for example:

- Avoid pulling code from git into production servers and building images on the fly instead of that we can use a docker registry.
- we can add a dedicated user with the minimal required permissions to run the application
- use a fixed image tag for an immutable image in this case, for example :
`FROM oraclelinux:7-slim`
- using COPY unless ADD is required