**DV201 (Software Engineering ) Assignment 2 ( HTTP Server )**

**By: Alex and Fabian**

Problem 1:

Named HTML Page:

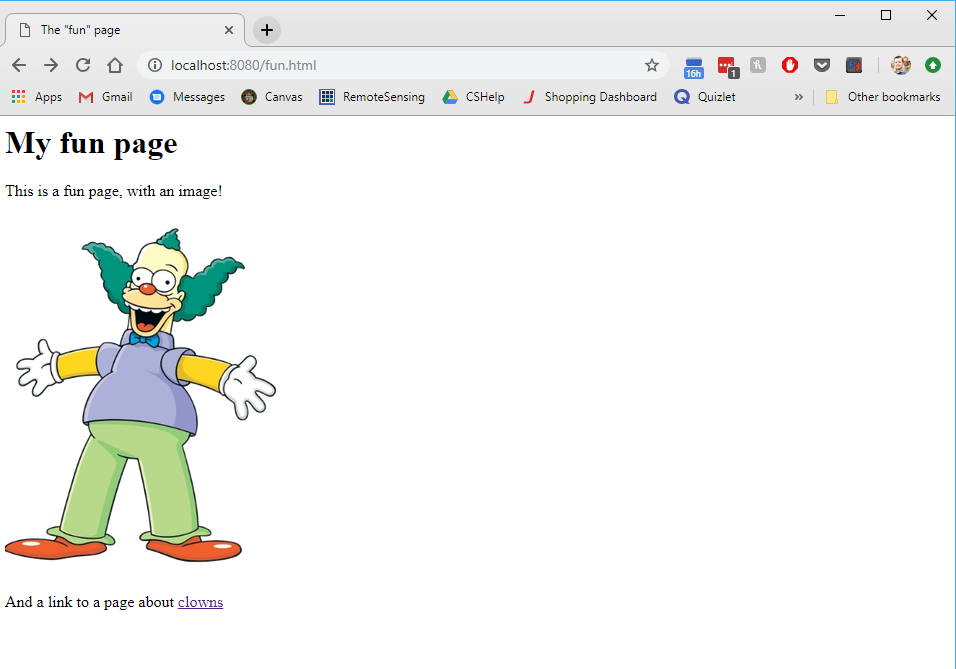
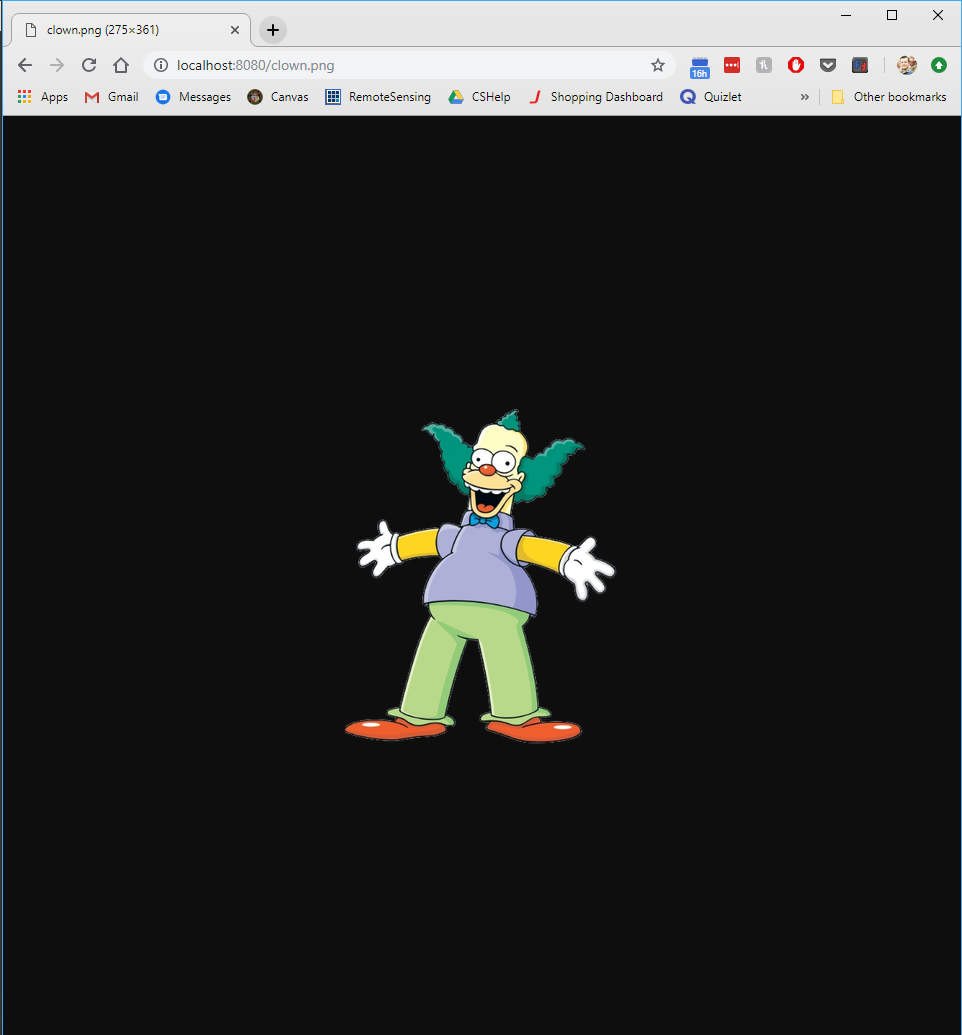
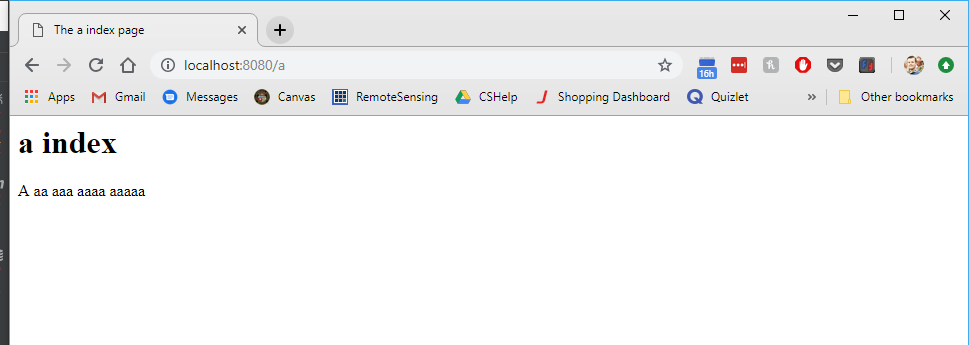


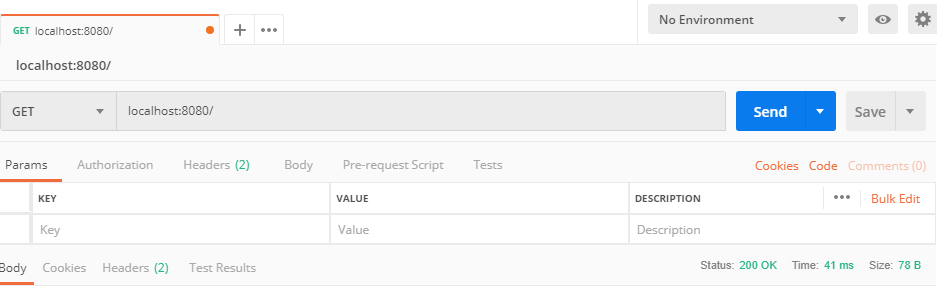
Image:

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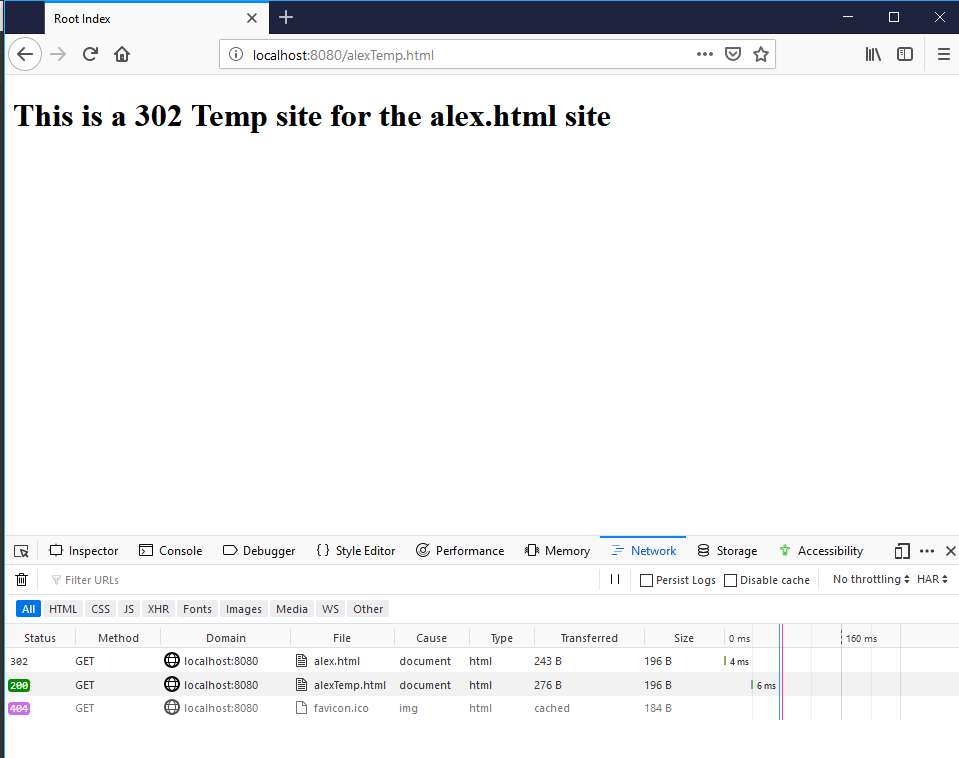
A directory with index.html file:



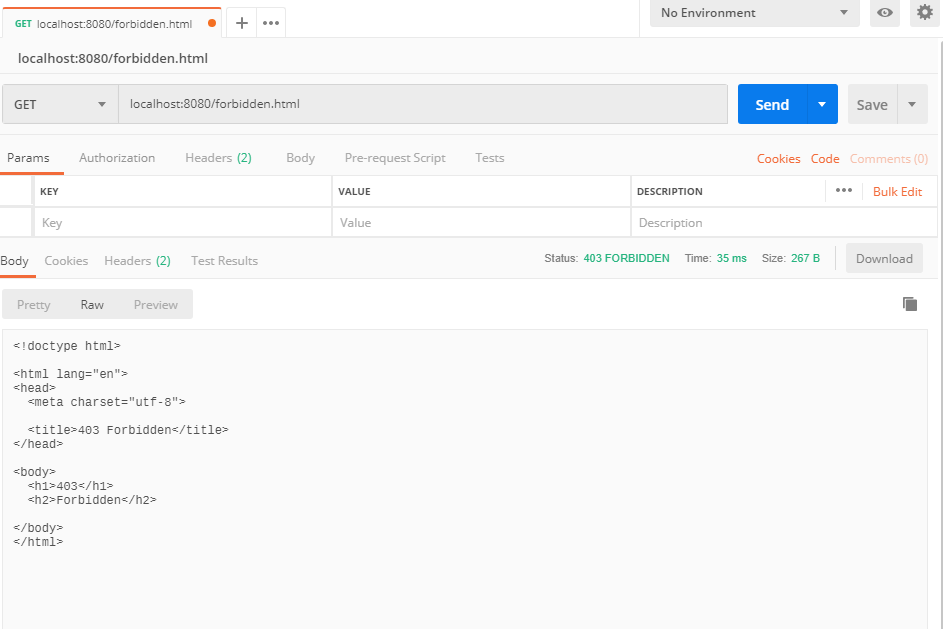
**Problem 2:**

200 OK:

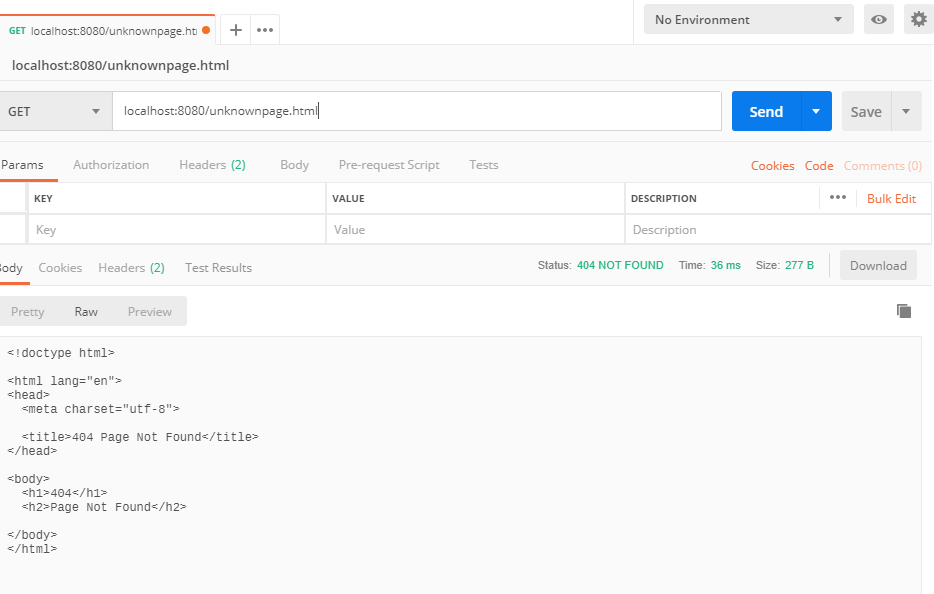
302 Temporary:



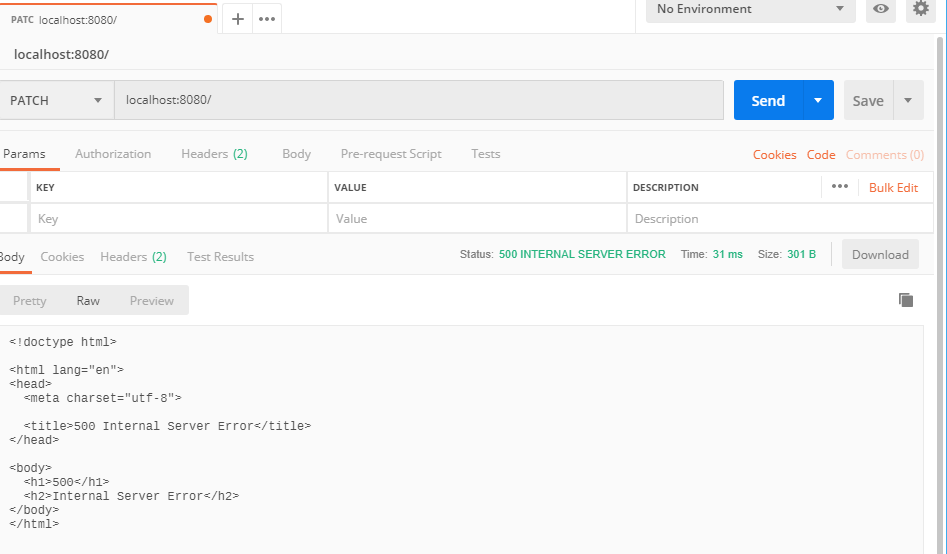
403 Forbidden:



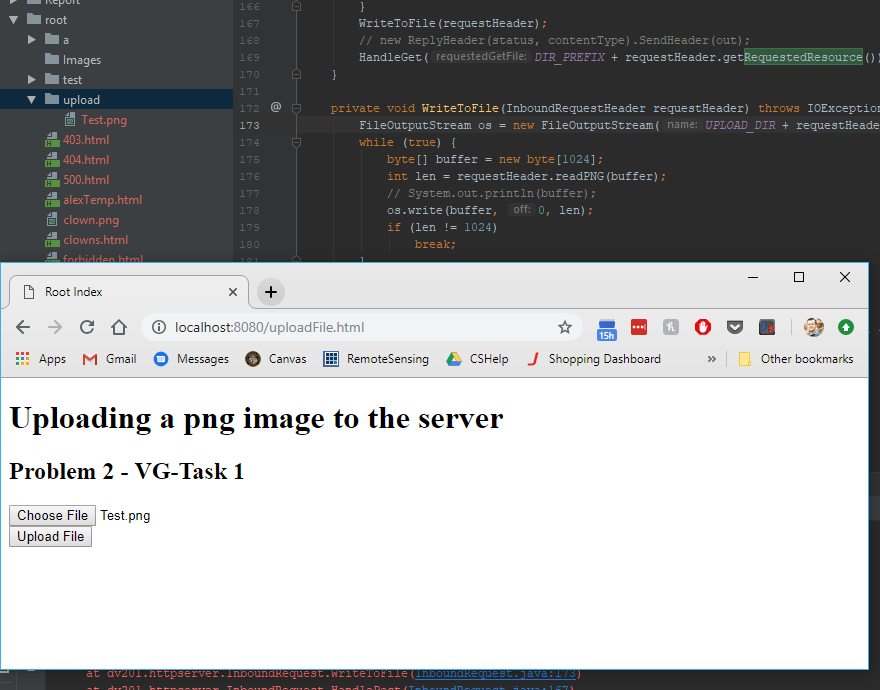
404 Not Found:



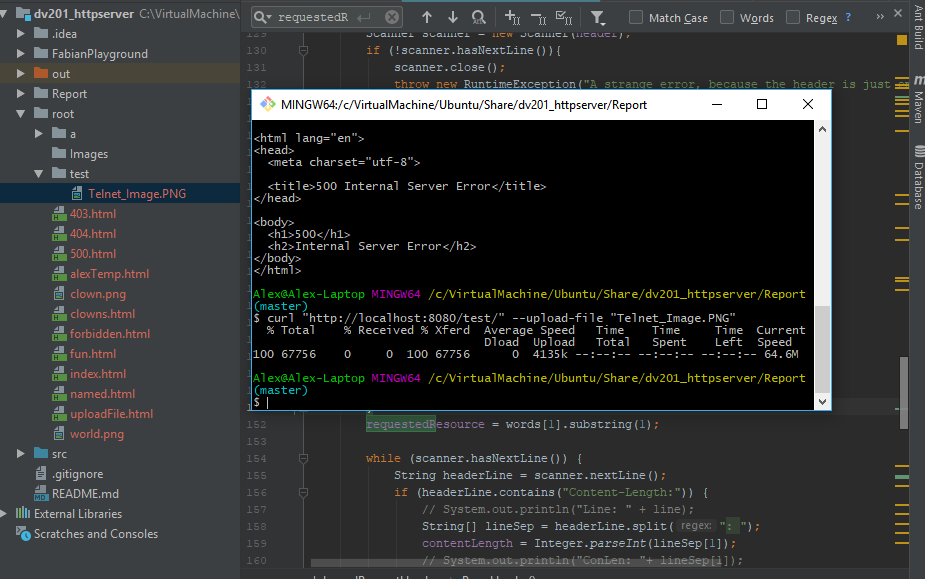
500 Internal Error:



VG Task 1:



VG Task 2:



PUT vs. POST:

A POST request should be used to modify and update a resource. A PUT request should be used to create a resource or overwrite an existing one. A main difference between the two is that POST should not be used to create resources and if a resource does not exist it will give an error. With a PUT request you specify the resources new URL and the request is idempotent. This means that regardless of how many times you execute the request and regardless of weather it previously existed the result form the request will be the same. A POST request is not idempotent. A post request can update or create a child resource at a predefined URL on the server. For example, if you generate a POST request to /items then a new resource will be created on the server that lives under /items for example /items/1. If you send the request multiple times, multiple resources will be generated. PUT updates or creates resources by replacing them in their entirety.

**Problem 3 (Telnet):**

Named HTML Page:

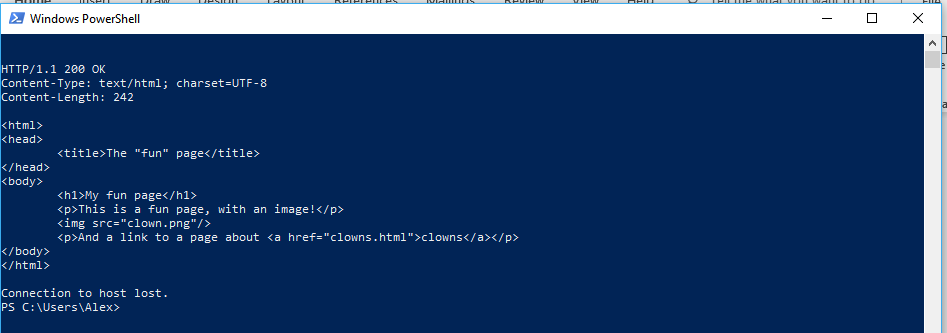
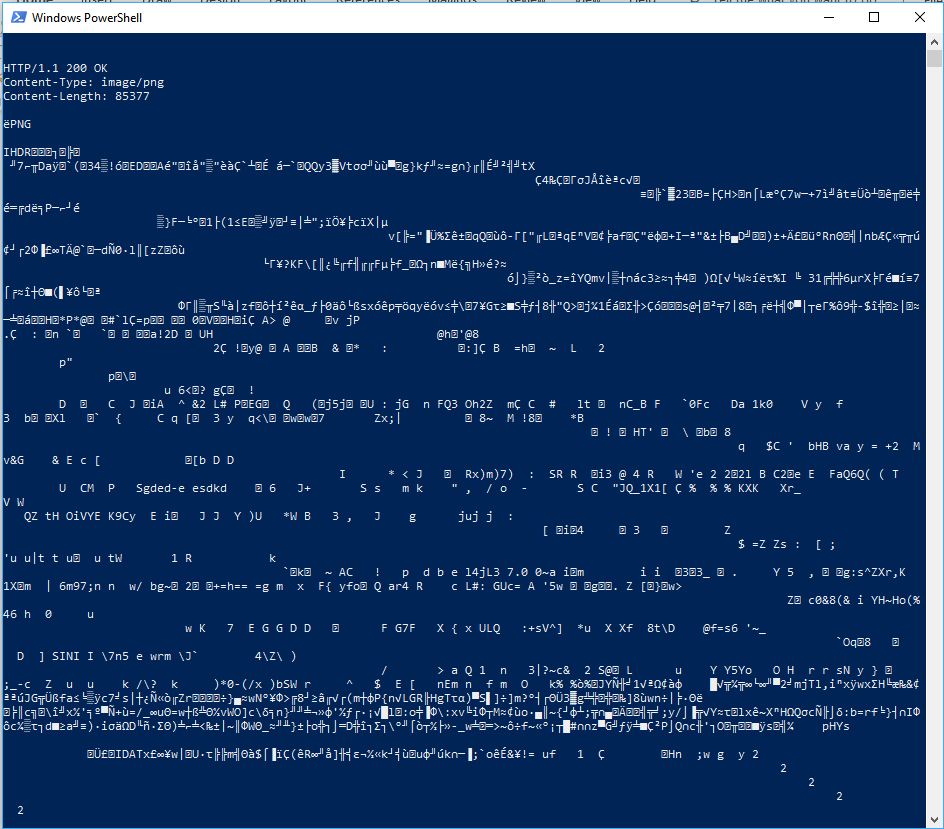


Image:  


Directory:

