

Assignment 2

1DV701

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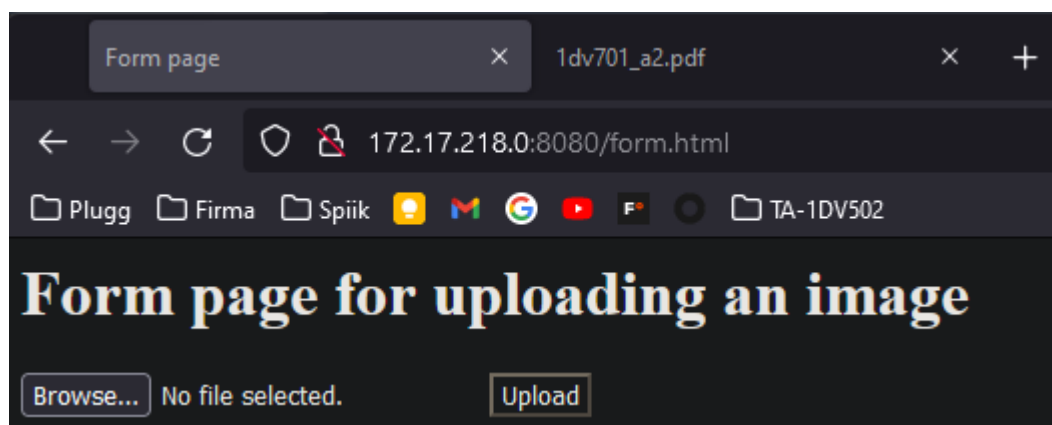
Email: ce223af@student.lnu.se

Email: oe222fh@student.lnu.se

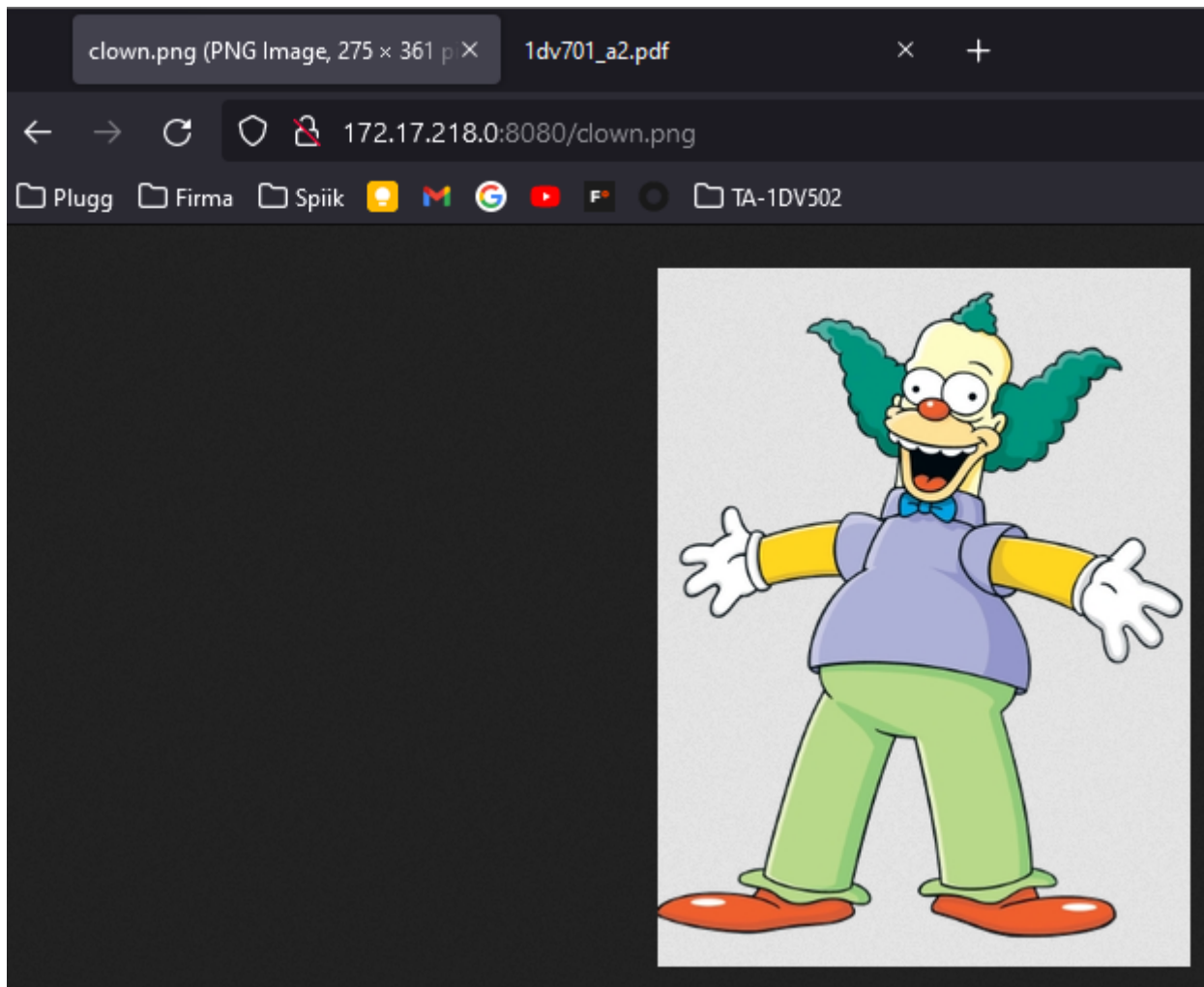
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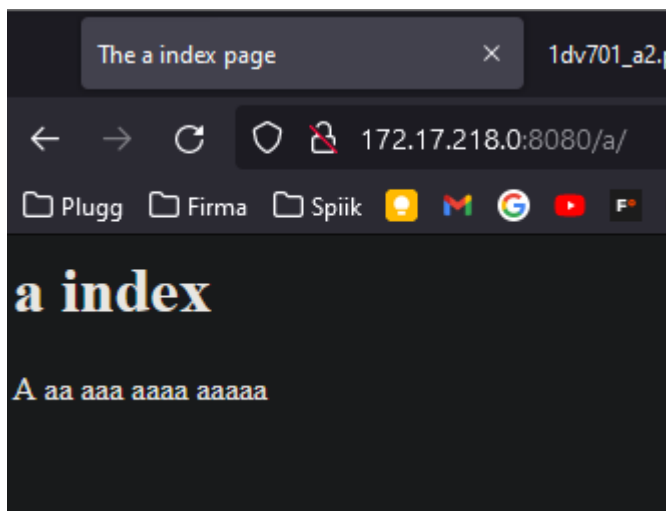
Problem 1



A request to a named page.



A request to an image.



A request to a directory.

Exceptions

IllegalArgumentException

During the POST if an unsupported filetype is uploaded a BAD REQUEST HTTP status will be sent. This exception is thrown by `FileType.fromString()`.

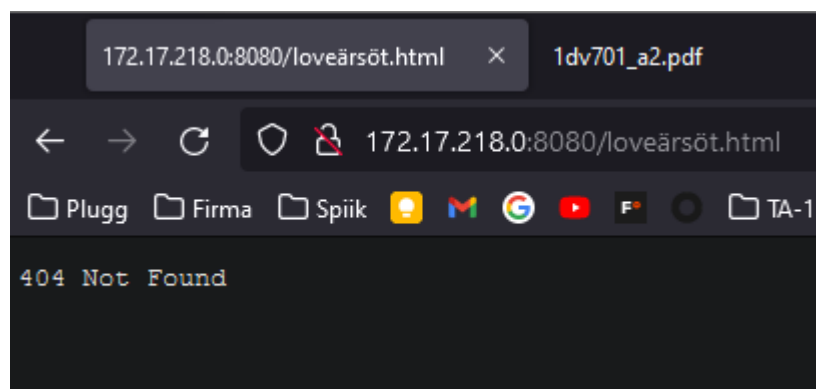
IOException

NumberFormatException

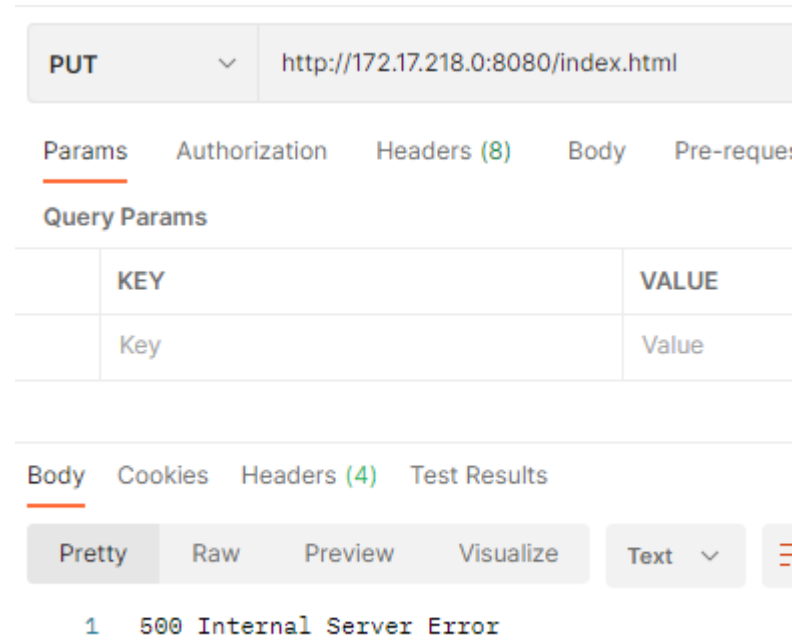
Problem 2

Name	Status	Type	Initiator	Size	Time	Waterfall
redirect.html	302	documen...	Other	176 B	5 ms	
redirect.html	200	document	a/redirect.html	271 B	4 ms	

404 Not Found



500 Internal Server Error



Make any request other than the supported `GET` or `POST` and the 500 Internal Server Error will be triggered.

VG

For the image parsing we are looking for the specific start bytes of any supported image formats (PNG and JPG currently). This indicates the start set of bytes to write to the image. We then do the same for the end bytes. To look for the start and end sequence we use an algorithm for pattern matching. At first we wrote our own algorithm. However, due to bad performance, we ended up using the [Knuth-Morris-Pratt algorithm](#).