**INDIVIDUAL JOURNAL**

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Week1:

1. Created file with improper words – blockwords.txt. Added function hide\_bad\_words () that scans a buffer with data, and search for bad word. If word is found – is replaced with “-”.

2. Created file with blocked sites – blocksites.txt. Added function to read file, and compare it with given site by the browser.

3. Added function to read request from browser and resolve the IP address of the server from the host name provided in first get- request.

Week2:

4. Added calls to filter blocked site, and replace bad words before send buffers with data to the web browser.

5. Added function find\_cache\_file () that for requested host and URL, will try to locate stored cache file.

6. Added function get\_cache\_tags () that will search for conditional tag in stored cache, to help building conditional HTTP request.