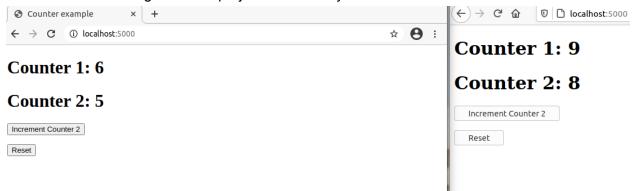
Name: Khalen Stensby

Class: CPSC 449 Friday 9:00

Assignment: Project 4 - Server-Side Sessions

Storing Data in Cookies

2. Screenshot showing the initial project functionality



3. Screenshot showing the cookie counts



9. Foreman start

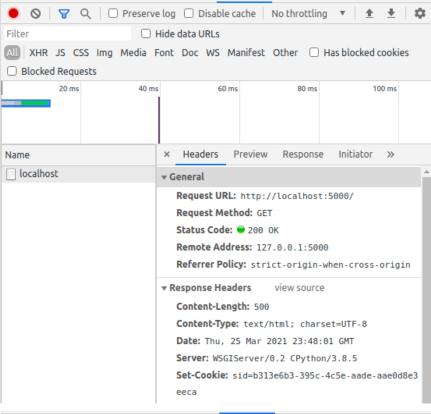
```
student@tuffix-vm:~/Desktop/code/server-side sessions/cpsc449/bottle/counter$ fo
reman start
16:46:22 app.1 | started with pid 6365
16:46:22 kv.1 | started with pid 6366
16:46:22 kv.1 | Bottle v0.12.19 server starting up (using WSGIRefServer())...
16:46:22 kv.1 | Listening on http://localhost:5100/
16:46:22 kv.1 | Hit Ctrl-C to quit.
16:46:22 app.1 | Bottle v0.12.19 server starting up (using WSGIRefServer())...
16:46:22 app.1 | Listening on http://localhost:5000/
16:46:22 app.1 | Hit Ctrl-C to quit.
16:46:22 app.1 | Hit Ctrl-C to quit.
```

11. Showing that the SID persists through increments and refreshes

Counter 1: 7

Counter 2: 5

Increment Counter 2

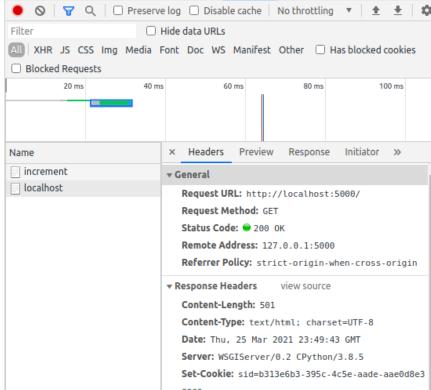


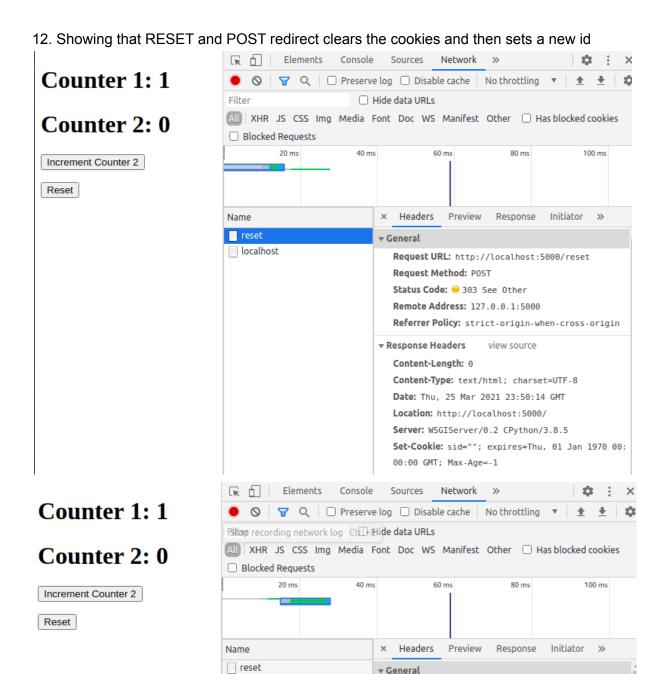
Counter 1: 11

Counter 2: 9

Increment Counter 2

Reset





Request URL: http://localhost:5000/

Content-Type: text/html; charset=UTF-8

Date: Thu, 25 Mar 2021 23:50:14 GMT

Server: WSGIServer/0.2 CPython/3.8.5

Referrer Policy: strict-origin-when-cross-origin

view source

Set-Cookie: sid=92462322-belc-4d3b-9626-fe520fc0

Remote Address: 127.0.0.1:5000

Request Method: GET
Status Code: • 200 0K

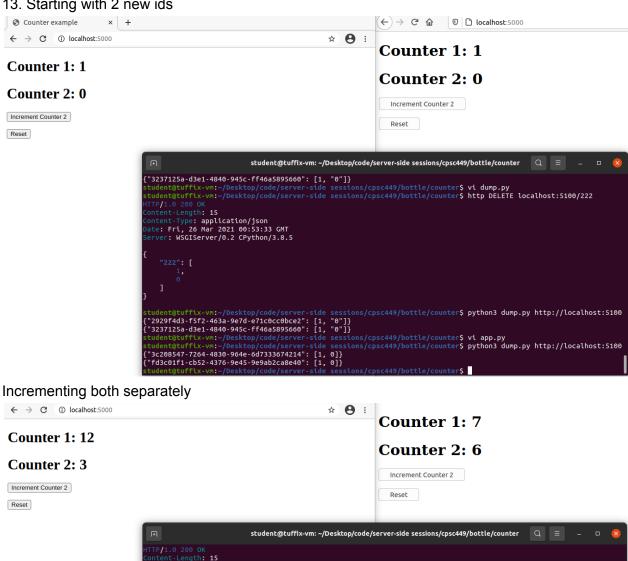
▼ Response Headers

bc10

Content-Length: 500

localhost

13. Starting with 2 new ids



```
TTP/1.0 200 OK
ontent-Length: 15
ontent-Type: application/json
ate: Fri, 26 Mar 2021 00:53:33 GMT
erver: WSGIServer/0.2 CPython/3.8.5
tudent@tuffix-vm:~/Desktop/code/server-side sessions/cpsc449/bottle/counter$ python3 dump.py http://localhost:5100
"2929fad3-f5f2-463a-9e7d-e7ic0cc0bce2": [1, "0"]}
"3237125a-d3e1-4840-945c-ff46a5895660": [1, "0"]}
tudent@tuffix-vm:~/Desktop/code/server-side sessions/cpsc449/bottle/counter$ vi app.py
tudent@tuffix-vm:~/Desktop/code/server-side sessions/cpsc449/bottle/counter$ python3 dump.py http://localhost:5100
"3c208547-7264-4830-964e-6d7333674214": [1, 0]}
"fd3c01f1-cb52-4376-9e45-9e9ab2ca8e40": [1, 0]}
tudent@tuffix-vm:~/Desktop/code/server-side sessions/cpsc449/bottle/counter$ python3 dump.py http://localhost:5100
  udent@tuffix-vm:-/Desktop/code/server-side sess
3c208547-7264-4830-964e-6d7333674214": [12, 3]}
fd3coffi-cb52-4376-9e45-9e9abzca8e40": [7, 6]
udent@tuffix-vm:-/Desktop/code/server-side sess
                                                                                                                                                                                                   ns/cpsc449/bottle/counter$ python3 dump.py http://localhost:5100
```

Resetting both browsers deletes the store and remakes 2 new session ids.

