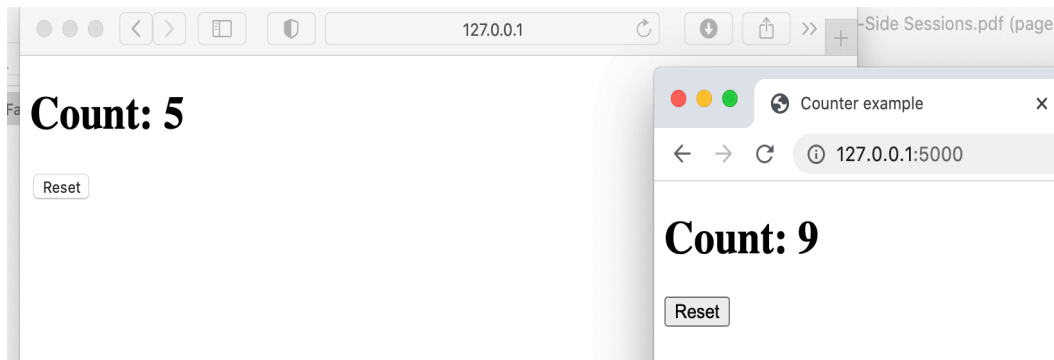


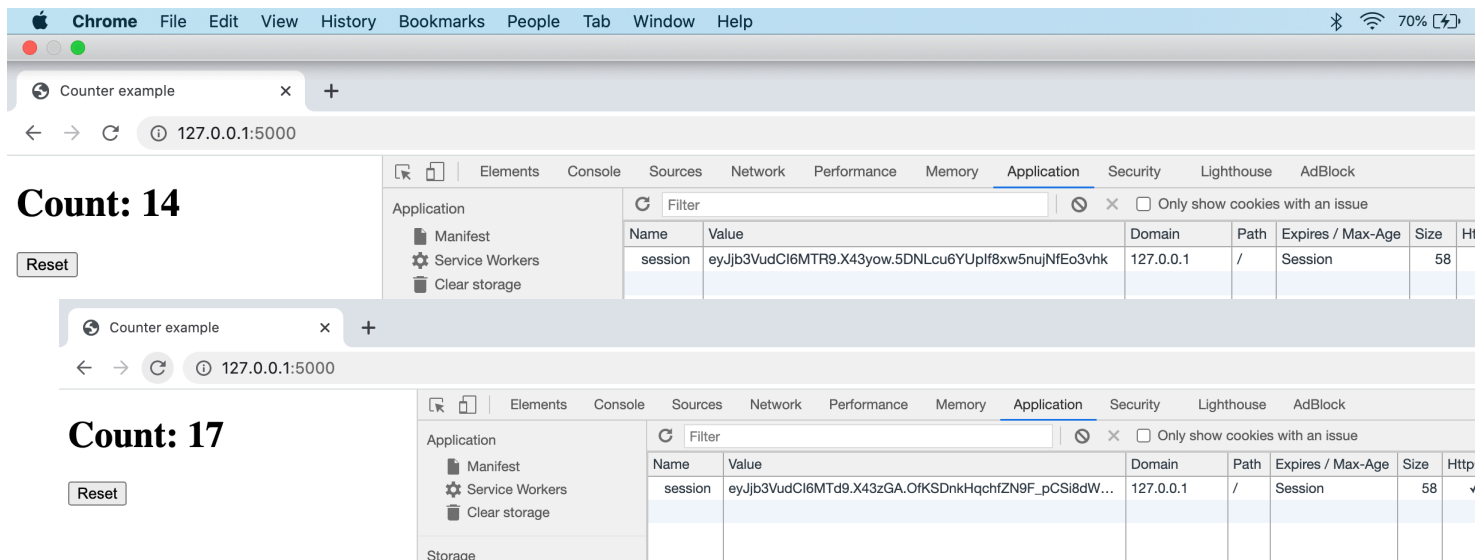
Project 3 (Session)

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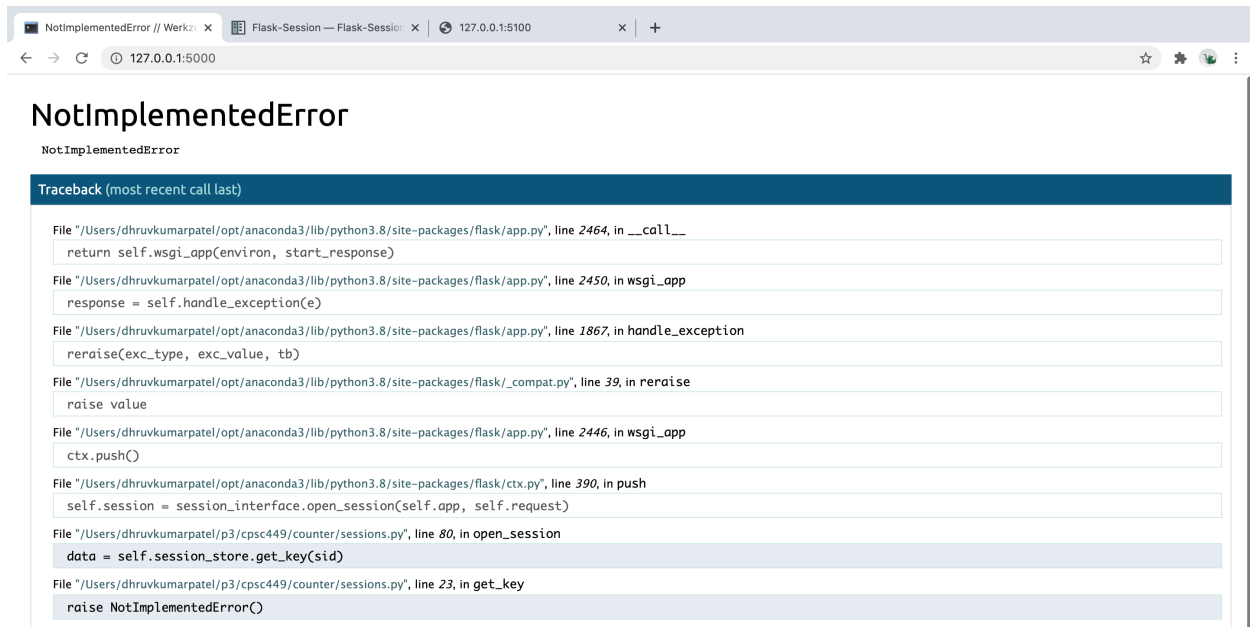
Q 2: Two different browser showing 2 separate count



Q 3 : Each time the page is refreshed, Cookies changes.



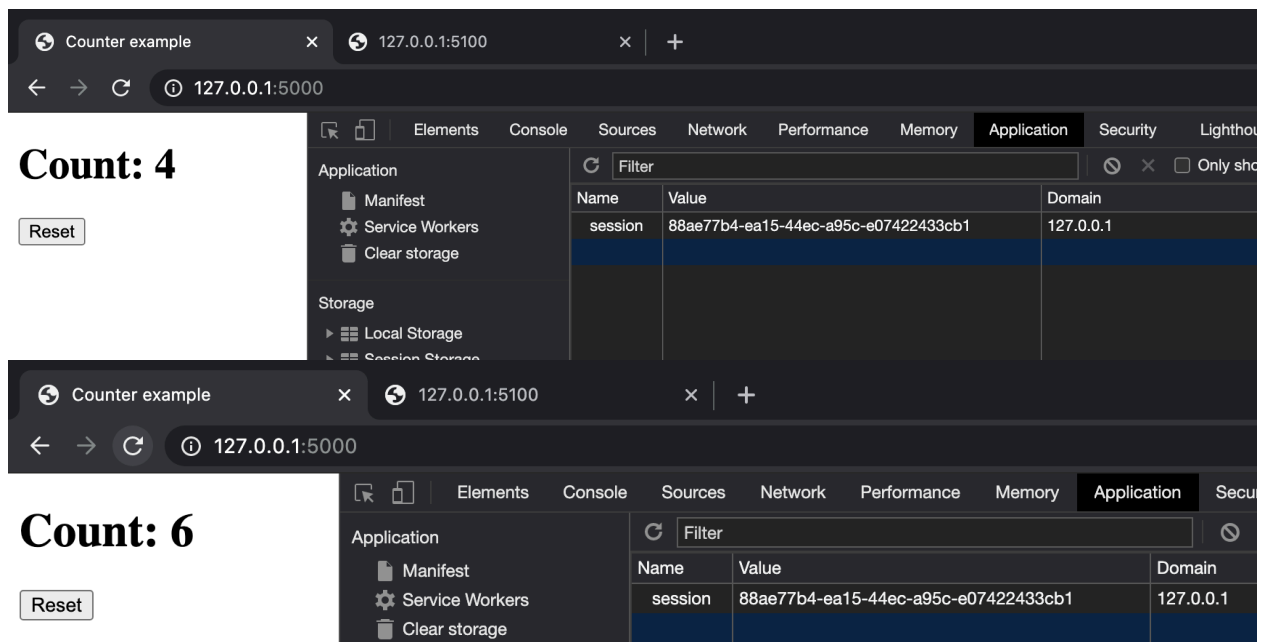
Q 6: Showing the failure when USE_SESSION_STORE = True ,



The screenshot shows a web browser window with a single tab titled "Flask-Session — Flask-Session". The address bar shows "127.0.0.1:5100". The page content displays a "NotImplementedError" and a detailed traceback. The traceback starts from the bottom and goes up, showing the following sequence of calls:

- File "/Users/dhruvkumarpatel/p3/cpsc449/counter/sessions.py", line 23, in get_key
raise NotImplementedError()
- File "/Users/dhruvkumarpatel/p3/cpsc449/counter/sessions.py", line 80, in open_session
data = self.session_store.get_key(sid)
- File "/Users/dhruvkumarpatel/opt/anaconda3/lib/python3.8/site-packages/flask/ctx.py", line 390, in push
self.session = session_interface.open_session(self.app, self.request)
- File "/Users/dhruvkumarpatel/opt/anaconda3/lib/python3.8/site-packages/flask/app.py", line 2446, in wsgi_app
ctx.push()
- File "/Users/dhruvkumarpatel/opt/anaconda3/lib/python3.8/site-packages/flask/_compat.py", line 39, in reraise
raise value
- File "/Users/dhruvkumarpatel/opt/anaconda3/lib/python3.8/site-packages/flask/app.py", line 1867, in handle_exception
reraise(exc_type, exc_value, tb)
- File "/Users/dhruvkumarpatel/opt/anaconda3/lib/python3.8/site-packages/flask/app.py", line 2450, in wsgi_app
response = self.handle_exception(e)
- File "/Users/dhruvkumarpatel/opt/anaconda3/lib/python3.8/site-packages/flask/app.py", line 2464, in __call__
return self.wsgi_app(environ, start_response)

Q 8 : Session id remains the same, when the count was incremented,refreshed (chrome)



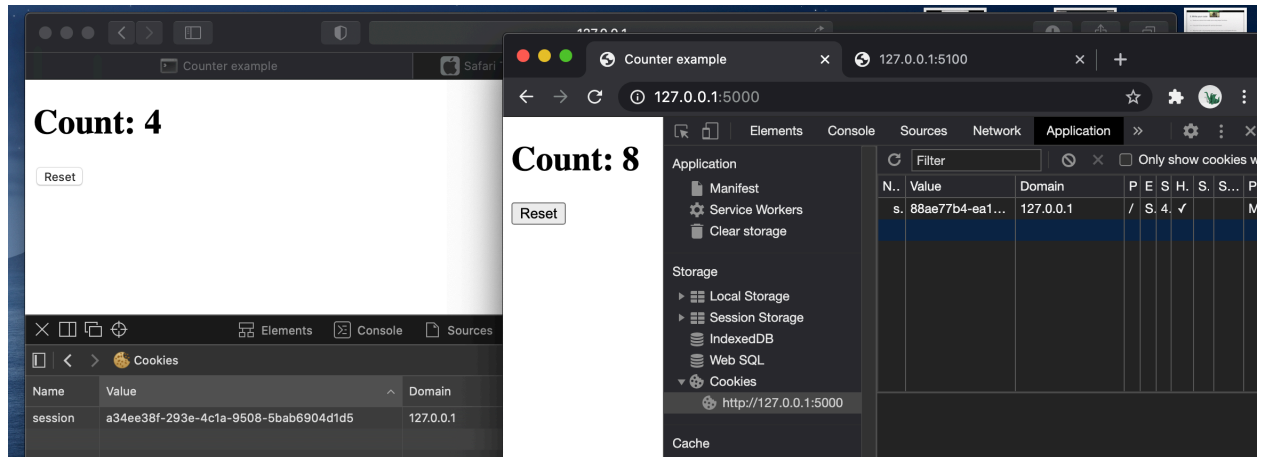
The image contains two screenshots of a web browser window showing a "Counter example" application. The address bar shows "127.0.0.1:5100". The page content displays "Count: 4" and a "Reset" button. The "Application" tab is open, showing the session storage. The session storage table has the following data:

Name	Value	Domain
session	88ae77b4-ea15-44ec-a95c-e07422433cb1	127.0.0.1

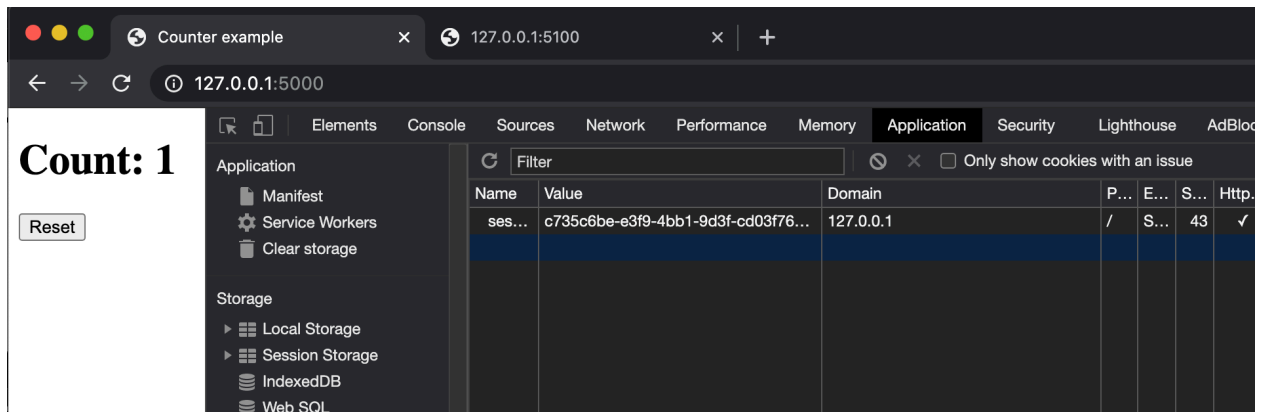
The second screenshot shows the same application after the count has been incremented to "Count: 6". The "Reset" button is still present. The "Application" tab is open, showing the session storage. The session storage table has the following data:

Name	Value	Domain
session	88ae77b4-ea15-44ec-a95c-e07422433cb1	127.0.0.1

Q8(continue): Two different browser showing 2 separate count and having 2 separate session id



Q9 : Reset, old session id has been deleted and new session id is created, resetting the count =1.



Q 10 dump.py showing the active sessions in the key-value store. Active session in two different browser

The screenshot shows a development environment with a terminal window and two browser windows. The terminal window displays the output of a Python script named `dump.py`, which shows two active sessions in a key-value store. The first session has a count of 9, and the second session has a count of 5. The browser windows show the same application, but with different session counts. The left browser window shows a count of 9, and the right browser window shows a count of 5. Red dotted lines connect the session IDs from the terminal output to the corresponding browser windows. The left browser window has a session ID of `a34ee38f-293e-4c1a-9508-5bab6904d1d5`, and the right browser window has a session ID of `c735c6be-e3f9-4bb1-9d3f-cd03f7679a58`. The terminal window also shows the session IDs and their corresponding counts.

```
(base) dhruvkumarpatel@Dhruvs-MacBook-Pro counter % python3 dump.py http://127.0.0.1:5100
[{'a34ee38f-293e-4c1a-9508-5bab6904d1d5': {'count': 9}}, {'c735c6be-e3f9-4bb1-9d3f-cd03f7679a58': {'count': 5}}]
(base) dhruvkumarpatel@Dhruvs-MacBook-Pro counter %
```

Count: 9

Count: 5

Name	Value
session	a34ee38f-293e-4c1a-9508-5bab6904d1d5

Name	Value
ses...	c735c6be-e3f9-4bb1-9d3f-cd03f7679a58