

A

Assignment 1

Data Structures and Algorithms (EVE203)

Semester: 3

Date of submission: 22-08-2025

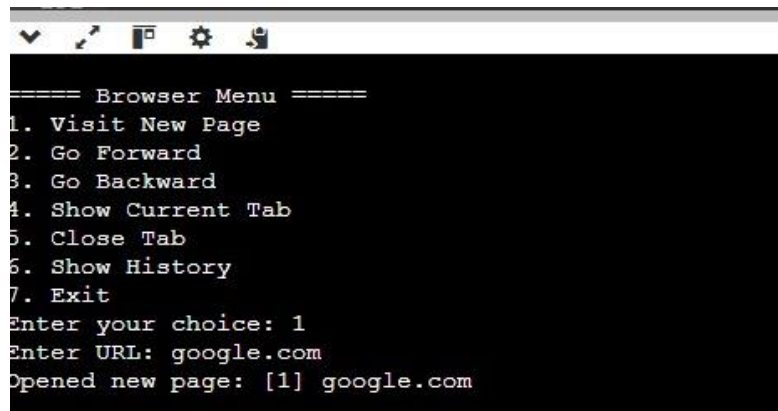
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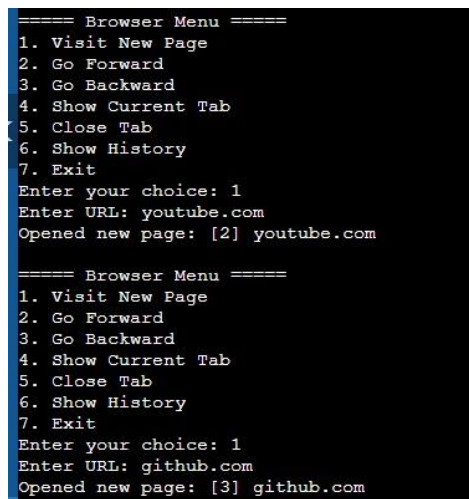
OUTPUTS

1.

A screenshot of a terminal window with a dark background. At the top, there is a title bar with standard window controls. The terminal content shows a menu titled "==== Browser Menu =====". The menu items are: 1. Visit New Page, 2. Go Forward, 3. Go Backward, 4. Show Current Tab, 5. Close Tab, 6. Show History, and 7. Exit. Below the menu, the user enters "1" for "Visit New Page", then "google.com" for the URL. The final output is "Opened new page: [1] google.com".

```
==== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 1
Enter URL: google.com
Opened new page: [1] google.com
```

2.

A screenshot of a terminal window with a dark background. It shows the same "==== Browser Menu =====" as the first screenshot. The user enters "1" for "Visit New Page", then "youtube.com" for the URL. The output is "Opened new page: [2] youtube.com". The menu is then displayed again, and the user enters "1" for "Visit New Page", then "github.com" for the URL. The final output is "Opened new page: [3] github.com".

```
==== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 1
Enter URL: youtube.com
Opened new page: [2] youtube.com

==== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 1
Enter URL: github.com
Opened new page: [3] github.com
```

3.

```
===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 4
Current tab: [3] github.com
```

4.

```
===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 2
No next tab available!
```

5.

```
===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 3
Moved to previous tab: [2] youtube.com
```

6.

```
===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 3
Moved to previous tab: [1] google.com

===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 2
Moved to next tab: [2] youtube.com
```

7.

```
===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 6
Tab History:
[1] google.com
[2] youtube.com
[3] github.com

===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 4
Current tab: [2] youtube.com
```

8.

```
===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 5
Enter pageID of tab to close: 2
Closed tab: [2] youtube.com
```

9.

```
===== Browser Menu =====
1. Visit New Page
2. Go Forward
3. Go Backward
4. Show Current Tab
5. Close Tab
6. Show History
7. Exit
Enter your choice: 7

B ...Program finished with exit code 0
Press ENTER to exit console.
```