



ASSIGNMENT 1 = browser tab navigation system using C

SUBJECT = DATA STRUCTURE AND ALGORITHM

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OUTPUTS :

1. Visit a new page

```
PS C:\Users\tanzeel\OneDrive\Desktop\PROGRAMMING> gcc unit.c -o unit
>> ./unit

--- Browser Tab Menu ---
1. Visit a new page
2. Go back
3. Go forward
4. Show current tab
5. Close current tab
6. Show history
7. Exit
Enter choice: 1
Enter URL: GOOGLE.COM
Opened new tab -> PageID: 1, URL: GOOGLE.COM

--- Browser Tab Menu ---
1. Visit a new page
2. Go back
3. Go forward
4. Show current tab
5. Close current tab
3. Go forward
4. Show current tab
5. Close current tab
6. Show history
7. Exit
Enter choice: 1
Enter URL: YOUTUBE.COM
Opened new tab -> PageID: 2, URL: YOUTUBE.COM
```

2. Go back

```
--- Browser Tab Menu ---
1. Visit a new page
2. Go back
3. Go forward
4. Show current tab
5. Close current tab
6. Show history
7. Exit
Enter choice: 2
Moved Back -> PageID: 1, URL: GOOGLE.COM
```

3. Go forward

```
--- Browser Tab Menu ---  
1. Visit a new page  
2. Go back  
3. Go forward  
4. Show current tab  
5. Close current tab  
6. Show history  
7. Exit  
Enter choice: 3  
Moved Forward -> PageID: 2, URL: YOUTUBE.COM
```

4. Show current tab

```
--- Browser Tab Menu ---  
1. Visit a new page  
2. Go back  
3. Go forward  
4. Show current tab  
5. Close current tab  
6. Show history  
7. Exit  
Enter choice: 4  
Current Tab -> PageID: 2, URL: YOUTUBE.COM
```

5. Close current tab

```
--- Browser Tab Menu ---  
1. Visit a new page  
2. Go back  
3. Go forward  
4. Show current tab  
5. Close current tab  
6. Show history  
7. Exit  
Enter choice: 5  
Closed tab -> PageID: 2, URL: YOUTUBE.COM
```

6. Show history

```
--- Browser Tab Menu ---
1. Visit a new page
2. Go back
3. Go forward
4. Show current tab
5. Close current tab
6. Show history
7. Exit
Enter choice: 6
Browser Tabs:
-> PageID: 1, URL: GOOGLE.COM (Current Tab)
```

7. Exit

```
--- Browser Tab Menu ---
1. Visit a new page
2. Go back
3. Go forward
4. Show current tab
5. Close current tab
6. Show history
7. Exit
Enter choice: 7
Exiting browser simulation.
PS C:\Users\tanzeel\OneDrive\Desktop\PROGRAMMING>
```