



School of Engineering
Data Structures & Algorithms

Assignment-1

Browser Tab Navigation System

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Section-D

I. Visit a new page

--- Browser Tab Manager ---

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 your choice: 1

Enter URL: <https://google.com>

Visited: <https://google.com> (Page ID: 1)

--- Browser Tab Manager ---

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 your choice: 1

Enter URL: <https://wikipedia.org>

Visited: <https://wikipedia.org> (Page ID: 2)

--- Browser Tab Manager ---

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 your choice: 1

Enter URL: <https://copilot.com>

Visited: <https://copilot.com> (Page ID: 3)

II. Go Back

```
--- Browser Tab Manager ---  
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 your choice: 2  
Moved back to: https://wikipedia.org (Page ID: 2)
```

III. Go Forward

```
--- Browser Tab Manager ---  
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 your choice: 3  
Moved forward to: https://copilot.com (Page ID: 3)
```

IV. Show current tab

```
--- Browser Tab Manager ---  
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 your choice: 4  
Current Tab: https://copilot.com (Page ID: 3)
```

V. Close current tab

```
--- Browser Tab Manager ---  
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 your choice: 5  
Closed Tab: https://copilot.com (Page ID: 3)
```

VI. Show History

```
--- Browser Tab Manager ---  
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 your choice: 6  
Open Tabs:  
Page ID: 1 | URL: https://google.com  
Page ID: 2 | URL: https://wikipedia.org
```

VII. Exit

```
--- Browser Tab Manager ---  
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 your choice: 7  
Exiting...
```