DATA STRUCTURE AND ALGORITHMS

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Outputs of code:

```
===== Browser Tab Navigation =====
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: google.com
Opened new tab: [1] google.com

===== Browser Tab Navigation =====
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: youtube.com
Opened new tab: [2] youtube.com
```

```
===== Browser Tab Navigation =====
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:
    [1] google.com
-> [2] youtube.com (Current)

===== Browser Tab Navigation =====
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 to previous tab: [1] google.com
```

```
===== Browser Tab Navigation =====
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: [1] google.com

===== Browser Tab Navigation =====
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 to next tab: [2] youtube.com
```

```
===== Browser Tab Navigation =====
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
Closing tab: [2] youtube.com

===== Browser Tab Navigation =====
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:
-> [1] google.com (Current)
```

```
===== Browser Tab Navigation =====
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...


=== Code Execution Successful ===
```