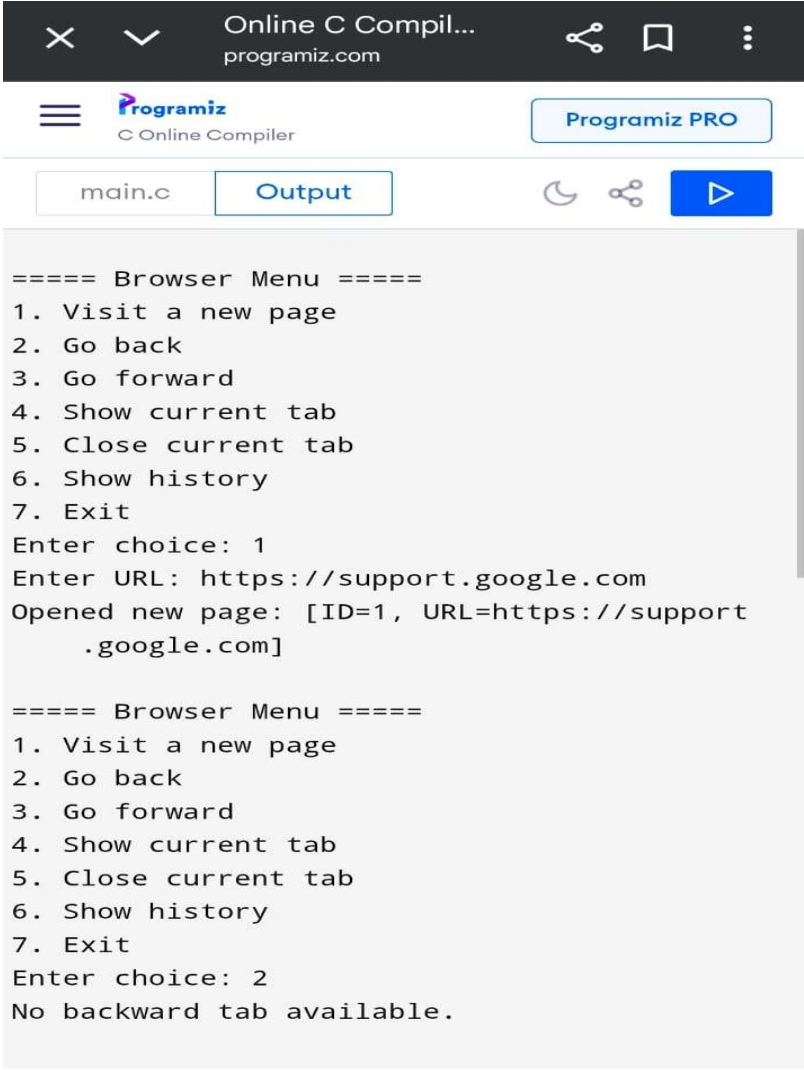


DSA(DATA STRUCTURE AND ALGORITHM)

Assignment 1



The screenshot shows a web browser window with the address bar displaying "Online C Compil... programiz.com". The page header includes the "Programiz" logo, the text "C Online Compiler", and a "Programiz PRO" button. Below the header, there are tabs for "main.c" and "Output". The "Output" tab is active, showing the execution of a C program. The program simulates a browser menu with options: 1. Visit a new page, 2. Go back, 3. Go forward, 4. Show current tab, 5. Close current tab, 6. Show history, and 7. Exit. The first choice is 1, and the URL "https://support.google.com" is entered. The second choice is 2, and the output indicates "No backward tab available.".

```
==== Browser 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: https://support.google.com
Opened new page: [ID=1, URL=https://support
               .google.com]

==== Browser 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
No backward tab available.
```

10:01

VoLTE 5G

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✓

Online C Compil...
programiz.com

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Programiz
C Online Compiler

Programiz PRO

main.c

Output

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```
===== Browser 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
No forward tab available.

===== Browser 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 -> [ID=1, URL=https://support
               .google.com]
```

main.c

Output



===== Browser 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 [ID=1, URL=https://support.google.com]

===== Browser 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

No browsing history.

===== Browser 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...

=== Code Execution Successful ===