

CHANAKYA UNIVERSITY

DATA STRUCTURE AND ALGORITHMS

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OUTPUTS:

OUTPUT FOR CHOICE 1:

The screenshot shows a C++ program running in a terminal window. The program is titled 'Untitled3.cpp' and includes `<stdio.h>` and `<stdlib.h>`. It displays a menu with options: 3. Go Forward, 4. Show Current Tab, 5. Close Current Tab, 6. Show History, and 7. Exit. The user enters choice 1, and the program prompts for a URL. The user enters `https://polycet.ap.gov.in`, and the program visits the page. The terminal output shows the browser menu and the user's choice. The website displayed is the Government of Andhra Pradesh Department of School Education, featuring buttons for Teachers Transfers 2025, MEGA DSC-2025, RTE-12(1)C-2025-26, and AP DEECET 2025. Below the buttons is a photo of students in a classroom and a section for Quick Links including APMS Transfers, Academic Calendar, and School Infrastructure Improvement.

OUTPUT FOR CHOICE 2:

The screenshot shows a C++ program running in a terminal window. The program is titled 'Untitled3.cpp' and includes `<stdio.h>` and `<stdlib.h>`. It displays a menu with options: 3. Go Forward, 4. Show Current Tab, 5. Close Current Tab, 6. Show History, and 7. Exit. The user enters choice 1, and the program prompts for a URL. The user enters `https://polycet.ap.gov.in`, and the program visits the page. The terminal output shows the browser menu and the user's choice. The website displayed is the Government of Andhra Pradesh Department of Technical Education, featuring a banner for Admissions into Polytechnics (APPOLYCET 2025 AND D.PHARMACY 2025). Below the banner is a section for NEW POLYCET-2025, stating that admissions are into Diploma courses in Engineering and Non-Engineering streams offered by Polytechnics across Andhra Pradesh.

OUTPUT FOR CHOICE 3:

```
C:\Users\veddy\OneDrive\Des  X  +  v

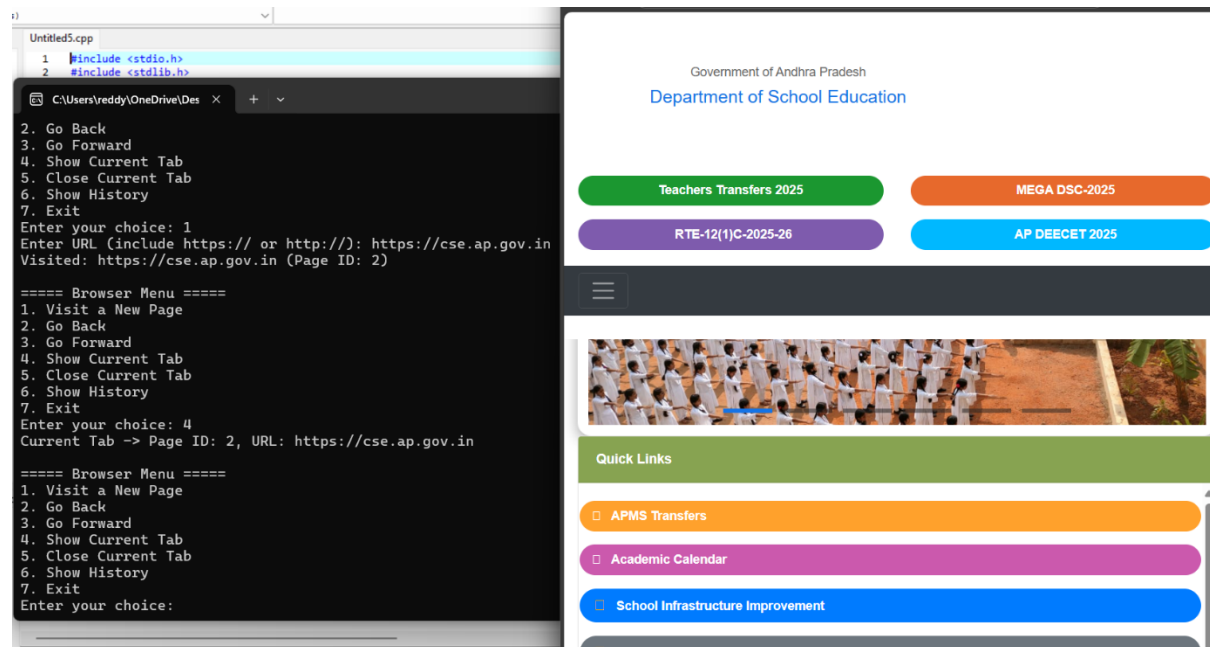
5. Close Current Tab
6. Show History
7. Exit
Enter your choice: 6

Browser History:
Page ID: 1, URL: https://cse.ap.gov.in
Page ID: 2, URL: https://polycetap.nic.in
Page ID: 3, URL: https://polycet.ap.gov.in <-- Current Tab

===== 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 your choice: 3
No next tab.

===== 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 your choice: |
```

OUTPUT FOR CHOICE 4:



OUTPUT FOR CHOICE 5:

```
2 #include <stdlib.h>
C:\Users\veddy\OneDrive\Des x + v
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 -> Page ID: 2, URL: https://cse.ap.gov.in

==== 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 your choice: 5
Closed Tab -> Page ID: 1, URL: https://polycet.ap.gov.in

==== 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 your choice: |
```

OUTPUT FOR CHOICE 6:

```
C:\Users\veddy\OneDrive\Des x + v
5. Close Current Tab
6. Show History
7. Exit
Enter your choice: https://polycet.ap.gov.in
Enter URL (include https:// or http://): Visited: https://polycet.ap.gov.in (Page ID: 3)

==== 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 your choice: 6

Browser History:
Page ID: 1, URL: https://cse.ap.gov.in
Page ID: 2, URL: https://polycetap.nic.in
Page ID: 3, URL: https://polycet.ap.gov.in <-- Current Tab

==== 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 your choice: |
```

OUTPUT FOR CHOICE 7:

```
Visited: https://cse.ap.gov.in (Page ID: 2)

===== 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 your choice: 6

Browser History:
Page ID: 1, URL: https://polycet.ap.gov.in
Page ID: 2, URL: https://cse.ap.gov.in <-- Current Tab

===== 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 your choice: 7
Exiting browser...

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Process exited after 136.5 seconds with return value 0
Press any key to continue . . . |
```