

C:\Users\HP\Desktop\ADS\DoublyLL.exe

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 9

3 ->6 ->1 ->

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 4

Enter item to insert: 8

Enter reference node value: 6

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 9

3 ->6 ->8 ->1 ->

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 6



Type here to search



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Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 7

Enter node to be deleted: 2

2 deleted!

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 9

3 ->1 ->

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 3

Enter item to insert: 6

Enter reference node value: 1

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |



Type here to search



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Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 9

3 ->2 ->1 ->

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 8

Enter node to be searched: 6

No such node exists! Search failed!

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 8

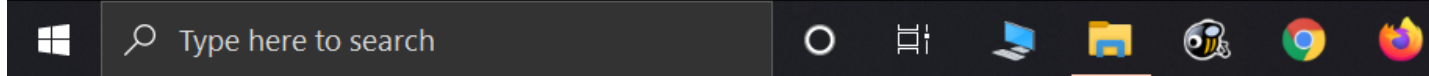
Enter node to be searched: 2

2 found at node 2

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 7



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Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 1

Enter item to insert: 1

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 1

Enter item to insert: 2

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 1

Enter item to insert: 3

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 9



Type here to search



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Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 6

1 deleted!

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice: 9

3 ->6 ->8 ->

Enter choice to perform the following operations:-

- | | |
|---------------------------|-----------------------|
| 1.Insert at the beginning | 2.Insert at the end |
| 3.Insert before a node | 4.Insert after a node |
| 5.Delete first node | 6.Delete last node |
| 7.Delete specific node | 8.Search |
| 9.Display | 10.Exit |

Enter choice:



Type here to search

