line 22: @startPtr -> 6487576 startPtr -> 7803472 startPtr -> 0 line 90: @sPtr -> 6487536 @item -> 6487575 Enter your choice: sPtr -> 6487576 1 to insert an element into the list. line 93: @newPtr -> 6487512 2 to delete an element from the list. 3 to end. newPtr -> 7803504 line 29: @choice -> 6487568 line 98: @newPtr -> 6487512 Enter a character: B newPtr -> 7803504 line 38: @startPtr -> 6487576 line 101: @previousPtr -> 6487504 startPtr -> 0 previousPtr -> 0 line 90: @sPtr -> 6487536 line 104: @currentPtr -> 6487496 sPtr -> 6487576 currentPtr -> 7803472 line 93: @newPtr -> 6487512 line 119: @sPtr -> 6487536 newPtr -> 7803472 sPtr -> 6487576 line 98: @newPtr -> 6487512 line 122: @newPtr -> 6487512 newPtr -> 7803472 newPtr -> 7803504 line 101: @previousPtr -> 6487504 line 125: @sPtr -> 6487536 previousPtr -> 0 sPtr -> 6487576 line 104: @currentPtr -> 6487496 line 41: @startPtr -> 6487576 currentPtr -> 0 startPtr -> 7803504 line 119: @sPtr -> 6487536 line 202: @currentPtr -> 6487536 sPtr -> 6487576 currentPtr -> 7803504 line 122: @newPtr -> 6487512 line 195: @sPtr -> 6487488 newPtr -> 7803472 sPtr -> 7803504 line 125: @sPtr -> 6487536 The list is: sPtr -> 6487576 line 213: @currentPtr -> 6487536 line 41: @startPtr -> 6487576 currentPtr -> 7803504 A --> startPtr -> 7803472 line 213: @currentPtr -> 6487536 line 202: @currentPtr -> 6487536 currentPtr -> 7803472 B --> NULL currentPtr -> 7803472 line 195: @sPtr -> 6487488 Enter a character: C sPtr -> 7803472 line 38: @startPtr -> 6487576 The list is: startPtr -> 7803504 line 213: @currentPtr -> 6487536 line 90: @sPtr -> 6487536 currentPtr -> 7803472 B --> NULL sPtr -> 6487576 ? 1 line 93: @newPtr -> 6487512 Enter a character: A newPtr -> 7803536

line 38: @startPtr -> 6487576

Enter character to be deleted: D line 98: @newPtr -> 6487512 line 144: @sPtr -> 6487536 newPtr -> 7803536 sPtr -> 6487576 line 101: @previousPtr -> 6487504 line 161: @previousPtr -> 6487504 previousPtr -> 0 previousPtr -> 7803504 line 104: @currentPtr -> 6487496 line 164: @currentPtr -> 6487496 currentPtr -> 7803504 currentPtr -> 7803472 line 110: @previousPtr -> 6487504 line 170: @previousPtr -> 6487504 previousPtr -> 7803504 previousPtr -> 7803472 line 113: @currentPtr -> 6487496 line 173: @currentPtr -> 6487496 currentPtr -> 7803472 currentPtr -> 7803536 line 110: @previousPtr -> 6487504 line 170: @previousPtr -> 6487504 previousPtr -> 7803472 previousPtr -> 7803536 line 113: @currentPtr -> 6487496 line 173: @currentPtr -> 6487496 currentPtr -> 0 currentPtr -> 0 line 130: @previousPtr -> 6487504 D not found. previousPtr -> 7803472 ? 2 line 133: @newPtr -> 6487512 line 195: @sPtr -> 6487536 newPtr -> 7803536 sPtr -> 7803504 line 41: @startPtr -> 6487576 line 48: @startPtr -> 6487576 startPtr -> 7803504 startPtr -> 7803504 Enter character to be deleted: B line 202: @currentPtr -> 6487536 line 144: @sPtr -> 6487536 currentPtr -> 7803504 sPtr -> 6487576 line 195: @sPtr -> 6487488 line 161: @previousPtr -> 6487504 sPtr -> 7803504 The list is: previousPtr -> 7803504 line 164: @currentPtr -> 6487496 line 213: @currentPtr -> 6487536 currentPtr -> 7803504 currentPtr -> 7803472 line 213: @currentPtr -> 6487536 line 180: @tempPtr -> 6487488 currentPtr -> 7803472 tempPtr -> 7803472 line 213: @currentPtr -> 6487536 line 183: @previousPtr -> 6487504 currentPtr -> 7803536 previousPtr -> 7803504 C --> NULL line 54: @startPtr -> 6487576 ? 2 startPtr -> 7803504 line 195: @sPtr -> 6487536 B deleted. sPtr -> 7803504 line 57: @startPtr -> 6487576 line 48: @startPtr -> 6487576 startPtr -> 7803504 startPtr -> 7803504 line 202: @currentPtr -> 6487536

currentPtr -> 7803504 line 195: @sPtr -> 6487488 sPtr -> 7803504 The list is: line 213: @currentPtr -> 6487536 currentPtr -> 7803504 line 213: @currentPtr -> 6487536 currentPtr -> 7803536 C --> NULL ? 2 line 195: @sPtr -> 6487536 sPtr -> 7803504 line 48: @startPtr -> 6487576 startPtr -> 7803504 Enter character to be deleted: C line 144: @sPtr -> 6487536 sPtr -> 6487576 line 161: @previousPtr -> 6487504 previousPtr -> 7803504 line 164: @currentPtr -> 6487496 currentPtr -> 7803536 line 180: @tempPtr -> 6487488 tempPtr -> 7803536 line 183: @previousPtr -> 6487504 previousPtr -> 7803504 line 54: @startPtr -> 6487576 startPtr -> 7803504 C deleted. line 57: @startPtr -> 6487576 startPtr -> 7803504 line 202: @currentPtr -> 6487536 currentPtr -> 7803504 line 195: @sPtr -> 6487488 sPtr -> 7803504 The list is: line 213: @currentPtr -> 6487536

sPtr -> 7803504 line 48: @startPtr -> 6487576 startPtr -> 7803504 Enter character to be deleted: A line 144: @sPtr -> 6487536 sPtr -> 6487576 line 148: @sPtr -> 6487536 sPtr -> 6487576 line 151: @tempPtr -> 6487512 tempPtr -> 7803504 line 154: @sPtr -> 6487536 sPtr -> 6487576 line 54: @startPtr -> 6487576 startPtr -> 0 A deleted. line 57: @startPtr -> 6487576 startPtr -> 0 line 202: @currentPtr -> 6487536 currentPtr -> 0 line 195: @sPtr -> 6487488 sPtr -> 0 List is empty. Invalid choice. Enter your choice: 1 to insert an element into the list. 2 to delete an element from the list. 3 to end. ? 3 End of run. Process exited after 37.11 seconds with return value 0 Press any key to continue . . .

line 195: @sPtr -> 6487536

A --> NULL

currentPtr -> 7803504