```
1   Compiler is using classPath = '[C:\Users\vilve\Desktop\Super
    Senior\Summer2017\DataStructures\Assignment9\Java, C:\Program Files\Dr.
    Java\drjava-beta-20160913-225446.exe]';  bootClassPath = 'null'
2   ----------
3   1. WARNING in C:\Users\vilve\Desktop\Super
    Senior\Summer2017\DataStructures\Assignment9\Java\A9.java (at line 158)
4   Node temp = null;
5        ^^^^
6   The value of the local variable temp is not used
7   ----------
8   1 problem (1 warning)
9   Please enter the size of this list:
10  1
11  ***LINKED LIST OPERATIONS:****
12   MENU
13  ------------------------------------
14   1.INSERT (at the beginning)
15   2.INSERT_ALPHA (in alphabetical order)
16   3.DELETE (Identify by contents, i.e. "John", not #3)
17   4.COUNT
18   5.CLEAR
19   6.EXIT
20  ------------------------------------
21  Enter your choice:
22  1
23  Please enter a name to insert.
24  vilv
25  ***LINKED LIST OPERATIONS:****
26   MENU
27  ------------------------------------
28   1.INSERT (at the beginning)
29   2.INSERT_ALPHA (in alphabetical order)
30   3.DELETE (Identify by contents, i.e. "John", not #3)
31   4.COUNT
32   5.CLEAR
33   6.EXIT
34  ------------------------------------
35  Enter your choice:
36  1
37  Please enter a name to insert.
38  vilv
39  ***LINKED LIST OPERATIONS:****
40   MENU
41  ------------------------------------
42   1.INSERT (at the beginning)
43   2.INSERT_ALPHA (in alphabetical order)
44   3.DELETE (Identify by contents, i.e. "John", not #3)
45   4.COUNT
46   5.CLEAR
47   6.EXIT
48  ------------------------------------
49  Enter your choice:
50  4
51  Your Count is 1
52  ***LINKED LIST OPERATIONS:****
53   MENU
54  ------------------------------------
55   1.INSERT (at the beginning)
56   2.INSERT_ALPHA (in alphabetical order)
57   3.DELETE (Identify by contents, i.e. "John", not #3)
58   4.COUNT
59   5.CLEAR
60   6.EXIT
61  ------------------------------------
62  Enter your choice:
63  3
64  Please enter a name to delete.
65  van
66  ***LINKED LIST OPERATIONS:****
67   MENU
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68  ---------------------------------------
69  1.INSERT (at the beginning)
70  2.INSERT_ALPHA (in alphabetical order)
71  3.DELETE (Identify by contents, i.e. "John", not #3)
72  4.COUNT
73  5.CLEAR
74  6.EXIT
75  ---------------------------------------
76  Enter your choice:
77  4
78  Your Count is 1
79  ***LINKED LIST OPERATIONS:****
80    MENU
81  ---------------------------------------
82  1.INSERT (at the beginning)
83  2.INSERT_ALPHA (in alphabetical order)
84  3.DELETE (Identify by contents, i.e. "John", not #3)
85  4.COUNT
86  5.CLEAR
87  6.EXIT
88  ---------------------------------------
89  Enter your choice:
90  3
91  Please enter a name to delete.
92  vilv
93  ***LINKED LIST OPERATIONS:****
94    MENU
95  ---------------------------------------
96  1.INSERT (at the beginning)
97  2.INSERT_ALPHA (in alphabetical order)
98  3.DELETE (Identify by contents, i.e. "John", not #3)
99  4.COUNT
100  5.CLEAR
101  6.EXIT
102  ---------------------------------------
103  Enter your choice:
104  4
105  Your Count is 0
106  ***LINKED LIST OPERATIONS:****
107    MENU
108  ---------------------------------------
109  1.INSERT (at the beginning)
110  2.INSERT_ALPHA (in alphabetical order)
111  3.DELETE (Identify by contents, i.e. "John", not #3)
112  4.COUNT
113  5.CLEAR
114  6.EXIT
115  ---------------------------------------
116  Enter your choice:
117  5
118  The list has been cleared
119  Please enter the size of this new list:
120  2
121  ***LINKED LIST OPERATIONS:****
122    MENU
123  ---------------------------------------
124  1.INSERT (at the beginning)
125  2.INSERT_ALPHA (in alphabetical order)
126  3.DELETE (Identify by contents, i.e. "John", not #3)
127  4.COUNT
128  5.CLEAR
129  6.EXIT
130  ---------------------------------------
131  Enter your choice:
132  1
133  Please enter a name to insert.
134  vilv
135  ***LINKED LIST OPERATIONS:****
136    MENU
137  ---------------------------------------
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138  1.INSERT (at the beginning)
139  2.INSERT_ALPHA (in alphabetical order)
140  3.DELETE (Identify by contents, i.e. "John", not #3)
141  4.COUNT
142  5.CLEAR
143  6.EXIT
144  ------------------------------------
145  Enter your choice:
146  2
147  Please enter a name to insert.
148  bob
149  ***LINKED LIST OPERATIONS:****
150   MENU
151  ------------------------------------
152  1.INSERT (at the beginning)
153  2.INSERT_ALPHA (in alphabetical order)
154  3.DELETE (Identify by contents, i.e. "John", not #3)
155  4.COUNT
156  5.CLEAR
157  6.EXIT
158  ------------------------------------
159  Enter your choice:
160  4
161  Your Count is 2
162  ***LINKED LIST OPERATIONS:****
163   MENU
164  ------------------------------------
165  1.INSERT (at the beginning)
166  2.INSERT_ALPHA (in alphabetical order)
167  3.DELETE (Identify by contents, i.e. "John", not #3)
168  4.COUNT
169  5.CLEAR
170  6.EXIT
171  ------------------------------------
172  Enter your choice:
173  3
174  Please enter a name to delete.
175  bob
176  ***LINKED LIST OPERATIONS:****
177   MENU
178  ------------------------------------
179  1.INSERT (at the beginning)
180  2.INSERT_ALPHA (in alphabetical order)
181  3.DELETE (Identify by contents, i.e. "John", not #3)
182  4.COUNT
183  5.CLEAR
184  6.EXIT
185  ------------------------------------
186  Enter your choice:
187  4
188  Your Count is 1
189  ***LINKED LIST OPERATIONS:****
190   MENU
191  ------------------------------------
192  1.INSERT (at the beginning)
193  2.INSERT_ALPHA (in alphabetical order)
194  3.DELETE (Identify by contents, i.e. "John", not #3)
195  4.COUNT
196  5.CLEAR
197  6.EXIT
198  ------------------------------------
199  Enter your choice:
200  2
201  Please enter a name to insert.
202  bobbb
203  ***LINKED LIST OPERATIONS:****
204   MENU
205  ------------------------------------
206  1.INSERT (at the beginning)
207  2.INSERT_ALPHA (in alphabetical order)
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208  3.DELETE (Identify by contents, i.e. "John", not #3)
209  4.COUNT
210  5.CLEAR
211  6.EXIT
212  ------------------------------------
213  Enter your choice:
214  4
215  Your Count is 2
216  ***LINKED LIST OPERATIONS:****
217   MENU
218  ------------------------------------
219  1.INSERT (at the beginning)
220  2.INSERT_ALPHA (in alphabetical order)
221  3.DELETE (Identify by contents, i.e. "John", not #3)
222  4.COUNT
223  5.CLEAR
224  6.EXIT
225  ------------------------------------
226  Enter your choice:
227  2
228  Please enter a name to insert.
229  bobbbbbb
230  ***LINKED LIST OPERATIONS:****
231   MENU
232  ------------------------------------
233  1.INSERT (at the beginning)
234  2.INSERT_ALPHA (in alphabetical order)
235  3.DELETE (Identify by contents, i.e. "John", not #3)
236  4.COUNT
237  5.CLEAR
238  6.EXIT
239  ------------------------------------
240  Enter your choice:
241  4
242  Your Count is 2
243  ***LINKED LIST OPERATIONS:****
244   MENU
245  ------------------------------------
246  1.INSERT (at the beginning)
247  2.INSERT_ALPHA (in alphabetical order)
248  3.DELETE (Identify by contents, i.e. "John", not #3)
249  4.COUNT
250  5.CLEAR
251  6.EXIT
252  ------------------------------------
253  Enter your choice:
254  5
255  The list has been cleared
256  Please enter the size of this new list:
257  1
258  ***LINKED LIST OPERATIONS:****
259   MENU
260  ------------------------------------
261  1.INSERT (at the beginning)
262  2.INSERT_ALPHA (in alphabetical order)
263  3.DELETE (Identify by contents, i.e. "John", not #3)
264  4.COUNT
265  5.CLEAR
266  6.EXIT
267  ------------------------------------
268  Enter your choice:
269  1
270  Please enter a name to insert.
271  vilv
272  ***LINKED LIST OPERATIONS:****
273   MENU
274  ------------------------------------
275  1.INSERT (at the beginning)
276  2.INSERT_ALPHA (in alphabetical order)
277  3.DELETE (Identify by contents, i.e. "John", not #3)
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278  4.COUNT
279  5.CLEAR
280  6.EXIT
281  ------------------------------------
282 Enter your choice:
283 6
284 Bye!
```