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1 "C:\Program Files\Java\jdk1.8.0_112\bin\java.exe" "-  
  javaagent:C:\Program Files\JetBrains\IntelliJ IDEA 2019.2.4  
  \lib\idea_rt.jar=55616:C:\Program Files\JetBrains\IntelliJ  
  IDEA 2019.2.4\bin" -Dfile.encoding=UTF-8 -classpath "C:\  
  Program Files\Java\jdk1.8.0_112\jre\lib\charsets.jar;C:\  
  Program Files\Java\jdk1.8.0_112\jre\lib\deploy.jar;C:\  
  Program Files\Java\jdk1.8.0_112\jre\lib\ext\access-bridge-  
  64.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\  
  cldrdata.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\  
  dnsns.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\  
  jaccess.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\  
  jfxrt.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\ext\  
  localedata.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\  
  ext\nashorn.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\  
  ext\sunec.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\  
  ext\sunjce_provider.jar;C:\Program Files\Java\jdk1.8.0_112\  
  jre\lib\ext\sunmscapi.jar;C:\Program Files\Java\jdk1.8.  
  0_112\jre\lib\ext\sunpkcs11.jar;C:\Program Files\Java\jdk1.  
  8.0_112\jre\lib\ext\zipfs.jar;C:\Program Files\Java\jdk1.8.  
  0_112\jre\lib\javaws.jar;C:\Program Files\Java\jdk1.8.0_112  
  \jre\lib\jce.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib  
  \jfr.jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\jfxswt.  
  jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\jsse.jar;C\  
  \Program Files\Java\jdk1.8.0_112\jre\lib\management-agent.  
  jar;C:\Program Files\Java\jdk1.8.0_112\jre\lib\plugin.jar;C\  
  :\Program Files\Java\jdk1.8.0_112\jre\lib\resources.jar;C\  
  \Program Files\Java\jdk1.8.0_112\jre\lib\rt.jar;C:\Users\  
  Akim\IdeaProjects\HW3DS\out\production\HW3DS" Main  
2 OBJECT METHOD TESTS:  
3 IS EMPTY TEST:  
4 Empty  
5 Added: 0  
6 Not empty  
7 Add Tests  
8 Add and get : 1  
9 Add and get : 2  
10 Add and get : 3  
11 Add and get : 4  
12 Add and get : 5  
13 Add and get : 6  
14 Add and get : 7  
15 Add and get : 8  
16 Add and get : 9  
17 Add and get : 10  
18 Add and get : 11  
19 Add and get : 12
```

```
20 Add and get : 13
21 Add and get : 14
22 Add and get : 15
23 Add and get : 16
24 Add and get : 17
25 Add and get : 18
26 Add and get : 19
27 Add and get : 20
28 Add and get : 21
29 Add and get : 22
30 Add and get : 23
31 Add and get : 24
32 Add and get : 25
33 Add and get : 26
34 Add and get : 27
35 Add and get : 28
36 Add and get : 29
37 Get 20 after add -1 to 20 : -1
38 Contains TEST:
39 Check if contains 25 as an element:
40 Contains
41 Remove TESTS:
42 Remove index 20
43 Remove element 20
44 element '20' removed
45 index[0] = 0
46 index[1] = 1
47 index[2] = 2
48 index[3] = 3
49 index[4] = 4
50 index[5] = 5
51 index[6] = 6
52 index[7] = 7
53 index[8] = 8
54 index[9] = 9
55 index[10] = 10
56 index[11] = 11
57 index[12] = 12
58 index[13] = 13
59 index[14] = 14
60 index[15] = 15
61 index[16] = 16
62 index[17] = 17
63 index[18] = 18
64 index[19] = 19
65 index[20] = 21
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```
66 index[21] = 22
67 index[22] = 23
68 index[23] = 24
69 index[24] = 25
70 index[25] = 26
71 index[26] = 27
72 index[27] = 28
73 index[28] = 29
74 Size of linked array list: 29
75 LIST ITERATOR TESTS:
76 Has next/previous TEST:
77 Has next
78 Hasn't Previous
79 NEXT/PREVIOUS TEST:
80 1
81 2
82 3
83 4
84 5
85 6
86 7
87 8
88 9
89 10
90 11
91 12
92 13
93 14
94 15
95 16
96 17
97 18
98 19
99 21
100 22
101 23
102 24
103 25
104 26
105 27
106 28
107 29
108 28
109 27
110 26
111 25
```

```
112 24
113 23
114 22
115 21
116 19
117 18
118 17
119 16
120 15
121 14
122 13
123 12
124 11
125 10
126 9
127 8
128 7
129 6
130 5
131 4
132 3
133 2
134 1
135 0
136 Previous/Next index method test
137 PreviousIndex:-1
138 NextIndex:1
139 Add/Remove/Set TEST:
140 899 Added
141 899
142 899 Removed
143 null
144 0
145 0
146 1
147 2
148 3
149 4
150 5
151 6
152 7
153 8
154 9
155 10
156 11
157 12
```

```
158 13
159 14
160 15
161 16
162 17
163 18
164 19
165 21
166 22
167 23
168 24
169 25
170 26
171 27
172 28
173 29
174 28
175 27
176 26
177 25
178 24
179 23
180 22
181 21
182 19
183 18
184 17
185 16
186 15
187 14
188 13
189 12
190 11
191 10
192 9
193 8
194 7
195 6
196 5
197 4
198 3
199 2
200 1
201 900
202
203 Process finished with exit code 0
```