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1 "/Applications/IntelliJ IDEA.app/Contents/jbr/Contents/Home
/bin/java" "-javaagent:/Applications/IntelliJ IDEA.app/
Contents/lib/idea_rt.jar=55042:/Applications/IntelliJ IDEA.
app/Contents/bin" -Dfile.encoding=UTF-8 -classpath "/Users/
mlewis/Dropbox/Boston University/Courses/Data Structures
with Java/Code/out/production/Code:/Users/mlewis/.m2/
repository/org/jetbrains/annotations/17.0.0/annotations-17.
0.0.jar" edu.bostonuniversity.homework.HashTableTest
2 Enter an integer key: 1
3 Enter a string value: value is 1
4 Enter 'N' to end or 'Y' to continue: y
5 Enter an integer key: 2
6 Enter a string value: value is 2
7 Enter 'N' to end or 'Y' to continue: y
8 Enter an integer key: 3
9 Enter a string value: value is 3
10 Enter 'N' to end or 'Y' to continue: y
11 Enter an integer key: 4
12 Enter a string value: value is 4
13 Enter 'N' to end or 'Y' to continue: y
14 Enter an integer key: 5
15 Enter a string value: value is 5
16 Enter 'N' to end or 'Y' to continue: y
17 Enter an integer key: 6
18 Enter a string value: value is 6
19 Enter 'N' to end or 'Y' to continue: y
20 Enter an integer key: 7
21 Enter a string value: value is 7
22 Enter 'N' to end or 'Y' to continue: 8
23 Enter an integer key: value is 8
24 You must enter an integer.
25 Enter an integer key: 9
26 Enter a string value: value is 9
27 Enter 'N' to end or 'Y' to continue: y
28 Enter an integer key: 10
29 Enter a string value: value is 10
30 Enter 'N' to end or 'Y' to continue: y
31 Enter an integer key: 31
32 Enter a string value: value is 31
33 Enter 'N' to end or 'Y' to continue: y
34 Enter an integer key: 32
35 Enter a string value: value is 32
36 Enter 'N' to end or 'Y' to continue: y
37 Enter an integer key: 33
38 Enter a string value: value is 33
39 Enter 'N' to end or 'Y' to continue: y
40 Enter an integer key: 34
41 Enter a string value: value is 34
42 Enter 'N' to end or 'Y' to continue: y
43 Enter an integer key: 35
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44 Enter a string value: value is 35
45 Enter 'N' to end or 'Y' to continue: y
46 Enter an integer key: 36
47 Enter a string value: value is 36
48 Enter 'N' to end or 'Y' to continue: y
49 Enter an integer key: 37
50 Enter a string value: value is 37
51 Enter 'N' to end or 'Y' to continue: y
52 Enter an integer key: 38
53 Enter a string value: value is 38
54 Enter 'N' to end or 'Y' to continue: y
55 Enter an integer key: 39
56 Enter a string value: value is 39
57 Enter 'N' to end or 'Y' to continue: y
58 Enter an integer key: 40
59 Enter a string value: value is 40
60 Enter 'N' to end or 'Y' to continue: y
61 Enter an integer key: 41
62 Enter a string value: value is 41
63 Enter 'N' to end or 'Y' to continue: y
64 Enter an integer key: 63
65 Enter a string value: value is 63
66 Enter 'N' to end or 'Y' to continue: y
67 Enter an integer key: 64
68 Enter a string value: value is 64
69 Enter 'N' to end or 'Y' to continue: y
70 Enter an integer key: 65
71 Enter a string value: value is 65
72 Enter 'N' to end or 'Y' to continue: y
73 Enter an integer key: 66
74 Enter a string value: value is 66
75 Enter 'N' to end or 'Y' to continue: y
76 Enter an integer key: 67
77 Enter a string value: value is 67
78 Enter 'N' to end or 'Y' to continue: y
79 Enter an integer key: 68
80 Enter a string value: value is 68
81 Enter 'N' to end or 'Y' to continue: y
82 Enter an integer key: 69
83 Enter a string value: value is 69
84 Enter 'N' to end or 'Y' to continue: y
85 Enter an integer key: 70
86 Enter a string value: value is 70
87 Enter 'N' to end or 'Y' to continue: y
88 Enter an integer key: 29
89 Enter a string value: value is 29
90 Enter 'N' to end or 'Y' to continue: n
91
92 Current table looks like ->
93 Table[0] = value is 31
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94 Table[1] = value is 1
95 Table[2] = value is 2
96 Table[3] = value is 3
97 Table[4] = value is 4
98 Table[5] = value is 5
99 Table[6] = value is 6
100 Table[7] = value is 7
101 Table[8] = value is 32
102 Table[9] = value is 9
103 Table[10] = value is 10
104 Table[11] = value is 33
105 Table[12] = value is 34
106 Table[13] = value is 35
107 Table[14] = value is 36
108 Table[15] = value is 37
109 Table[16] = value is 38
110 Table[17] = value is 39
111 Table[18] = value is 40
112 Table[19] = value is 41
113 Table[20] = value is 63
114 Table[21] = value is 64
115 Table[22] = value is 65
116 Table[23] = value is 66
117 Table[24] = value is 67
118 Table[25] = value is 68
119 Table[26] = value is 69
120 Table[27] = value is 70
121 Table[28] = <Never Used>
122 Table[29] = value is 29
123 Table[30] = <Never Used>
124
125 Enter a key to delete: 29
126 Enter 'Y' to continue deleting. 'N' to end: y
127 Enter a key to delete: 70
128 Enter 'Y' to continue deleting. 'N' to end: y
129 Enter a key to delete: 64
130 Enter 'Y' to continue deleting. 'N' to end: n
131
132 Modified table looks like ->
133 Table[0] = value is 31
134 Table[1] = value is 1
135 Table[2] = value is 2
136 Table[3] = value is 3
137 Table[4] = value is 4
138 Table[5] = value is 5
139 Table[6] = value is 6
140 Table[7] = value is 7
141 Table[8] = value is 32
142 Table[9] = value is 9
143 Table[10] = value is 10
```

```
144 Table[11] = value is 33
145 Table[12] = value is 34
146 Table[13] = value is 35
147 Table[14] = value is 36
148 Table[15] = value is 37
149 Table[16] = value is 38
150 Table[17] = value is 39
151 Table[18] = value is 40
152 Table[19] = value is 41
153 Table[20] = value is 63
154 Table[21] = <Previously Used>
155 Table[22] = value is 65
156 Table[23] = value is 66
157 Table[24] = value is 67
158 Table[25] = value is 68
159 Table[26] = value is 69
160 Table[27] = <Previously Used>
161 Table[28] = <Never Used>
162 Table[29] = <Previously Used>
163 Table[30] = <Never Used>
164
165
166 Process finished with exit code 0
167
```