

```
2 Enter an integer key: 0
3 Enter a string value: value is 0
4 Enter 'N' to end or 'Y' to continue: 1
5 Enter an integer key: value is 1
6 You must enter an integer.
7 Enter an integer key: 32
8 Enter a string value: value is 32
9 Enter 'N' to end or 'Y' to continue: 63
10 Enter an integer key: value is 63
11 You must enter an integer.
12 Enter an integer key: 63
13 Enter a string value: value is 63
14 Enter 'N' to end or 'Y' to continue: y
15 Enter an integer key: 94
16 Enter a string value: value is 94
17 Enter 'N' to end or 'Y' to continue: y
18 Enter an integer key: 7
19 Enter a string value: value is 7
20 Enter 'N' to end or 'Y' to continue: y
21 Enter an integer key: 38
22 Enter a string value: value is 38
23 Enter 'N' to end or 'Y' to continue: 10
24 Enter an integer key: value is 10
25 You must enter an integer.
26 Enter an integer key: 10
27 Enter a string value: value is 10
28 Enter 'N' to end or 'Y' to continue: y
29 Enter an integer key: 41
30 Enter a string value: value is 41
31 Enter 'N' to end or 'Y' to continue: y
32 Enter an integer key: 42
33 Enter a string value: value is 42
34 Enter 'N' to end or 'Y' to continue: n
35
36 Current table looks like ->
37 Table[0] = value is 0
38 Table[1] = value is 32
39 Table[2] = value is 63
40 Table[3] = value is 94
41 Table[4] = <Never Used>
42 Table[5] = <Never Used>
43 Table[6] = <Never Used>
44 Table[7] = value is 7
45 Table[8] = value is 38
46 Table[9] = <Never Used>
47 Table[10] = value is 10
48 Table[11] = value is 41
49 Table[12] = value is 42
50 Table[13] = <Never Used>
51 Table[14] = <Never Used>
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52 Table[15] = <Never Used>
53 Table[16] = <Never Used>
54 Table[17] = <Never Used>
55 Table[18] = <Never Used>
56 Table[19] = <Never Used>
57 Table[20] = <Never Used>
58 Table[21] = <Never Used>
59 Table[22] = <Never Used>
60 Table[23] = <Never Used>
61 Table[24] = <Never Used>
62 Table[25] = <Never Used>
63 Table[26] = <Never Used>
64 Table[27] = <Never Used>
65 Table[28] = <Never Used>
66 Table[29] = <Never Used>
67 Table[30] = <Never Used>
68
69 Enter a key to delete: 42
70 Enter 'Y' to continue deleting. 'N' to end: n
71
72 Modified table looks like ->
73 Table[0] = value is 0
74 Table[1] = value is 32
75 Table[2] = value is 63
76 Table[3] = value is 94
77 Table[4] = <Never Used>
78 Table[5] = <Never Used>
79 Table[6] = <Never Used>
80 Table[7] = value is 7
81 Table[8] = value is 38
82 Table[9] = <Never Used>
83 Table[10] = value is 10
84 Table[11] = value is 41
85 Table[12] = <Previously Used>
86 Table[13] = <Never Used>
87 Table[14] = <Never Used>
88 Table[15] = <Never Used>
89 Table[16] = <Never Used>
90 Table[17] = <Never Used>
91 Table[18] = <Never Used>
92 Table[19] = <Never Used>
93 Table[20] = <Never Used>
94 Table[21] = <Never Used>
95 Table[22] = <Never Used>
96 Table[23] = <Never Used>
97 Table[24] = <Never Used>
98 Table[25] = <Never Used>
99 Table[26] = <Never Used>
100 Table[27] = <Never Used>
101 Table[28] = <Never Used>
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102 Table[29] = <Never Used>

103 Table[30] = <Never Used>