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1 "/Volumes/GoogleDrive/My Drive/UMBC Semesters/Spring 2021/Data Struct/  
  Projects/Proj_0/cmake-build-debug/Proj_0"  
2 lets see...  
3  
4 Test case, Constructor: Size 100:  
5 Constructor passed!  
6  
7 Test case, Constructor: Size -7:  
8 Constructor passed!  
9  
10 Test case, Constructor: Size 0:  
11 Constructor passed!  
12 *****  
13 *****Next Test*****  
14 *****  
15 Test case, Copy Constructor: same members, same size, different pointers (  
  deep copy):  
16 Copy constructor passed!  
17  
18 Test case, Copy Constructor: 1 member:  
19 Copy constructor passed!  
20  
21 Test case, Copy Constructor: zero members:  
22 Copy constructor passed!  
23  
24 Test case, Copy Constructor: table size less than 0:  
25 Copy constructor passed!  
26 *****  
27 *****Next Test*****
```

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28 *****
29 Test case, Assignment Operator: same members, same size, different pointers
   (deep copy):
30 Assignment Operator passed!
31
32 Test case, Assignment Operator: 1 member:
33 Assignment Operator passed!
34
35 Test case, Assignment Operator: zero members:
36 Assignment Operator passed!
37
38 Test case, Assignment Operator: table size less than 0:
39 Assignment Operator passed!
40
41 Test case, Assignment Operator: self assignment:
42 self assignment passed!
43 *****
44 *****Next Test*****
45 *****
46
47 Measuring the efficiency of insertion functionality:
48 Inserting 1000000 members took 7349 clock ticks (0.007349 seconds)!
49 Inserting 4000000 members took 29738 clock ticks (0.029738 seconds)!
50 Inserting 16000000 members took 109714 clock ticks (0.109714 seconds)!
51 Inserting 64000000 members took 379803 clock ticks (0.379803 seconds)!
52
53 Measuring the efficiency of copy constructor:
54 Inserting 100 members took 3 clock ticks (3e-06 seconds)!
55 Inserting 400 members took 3 clock ticks (3e-06 seconds)!
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56 Inserting 1600 members took 7 clock ticks (7e-06 seconds)!
57 Inserting 6400 members took 24 clock ticks (2.4e-05 seconds)!
58 Inserting 25600 members took 88 clock ticks (8.8e-05 seconds)!
59
60 Here is an example of a table:
61 o i s u z h j n m #
62 z m s h y h w a f k
63 d r # d h a e a g f
64 o d h i w n u i l r
65 j h i d a n # n h o
66 d m z q a s b p j h
67 v n p k g e h f d w
68 w c h h k n z h j q
69 u k h g y r a u m g
70 p z u o v s y e o j
71
72
73
74 Process finished with exit code 0
75
```