Test Case for Phone Store Database Project

Run The Program ->

1. Print BST by model number

Key Input: L -> M

1. Print BST by model name
   1. Key Input: H (to show submenu options again) -> N
2. Print indented BST
   1. Key Input: i
3. Print hash table
   1. Key Input: Q -> H -> M
4. Add phone
   1. Key Input: A -> phone info -> yes (to verify phone info)
5. Search for new phone in BST by model number
   * 1. Key Input: H -> S -> M -> phone info
6. Search for new phone in BST by model name
   1. Key Input: H -> N -> phone info
7. Search for new phone in hash table
   1. Key Input: Q -> H -> F -> phone info
8. Delete a phone
   1. Key Input: H -> D -> phone info
9. Delete a second phone
   1. Key Input: phone info -> Q
10. Search BST by model number of the deleted phone
    * 1. Key Input: S -> M -> phone info
11. Search BST by model name of the deleted phone
    * 1. Key Input: N -> phone info
12. Search hash table for the deleted phone
    1. Key Input: Q -> F -> phone info
13. Undo delete
    1. Key Input: H -> U
14. Print BST by model number
    1. Key Input: L -> M
15. Print BST by model name
    1. Key Input: N
16. Print indented BST
    1. Key Input: i
17. Print hash table
    1. Key Input: Q -> H -> M
18. Undo delete
    1. Key Input: H -> U
19. Undo delete again (should give error)
    1. Key Input: U
20. Show statistics (should print info of hash table)
    1. Key Input: H -> T
21. Write database to file
    1. Key Input: H -> W
22. Add phone
    1. Key Input: A -> phone info -> yes (to verify phone info)
23. Quit out of program (should overwrite output file with the new phone included)
    1. Key Input: Q