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: T
4. Print unsorted phones (hash sequence)
   1. Key Input: U
5. Add new phone
   1. Key Input: Q -> H -> A -> phone info -> yes/no (to verify phone info)
6. Search for new phone in BST by model number
   * 1. Key Input: H -> S -> M -> phone info
7. Search for new phone in BST by model name
   1. Key Input: H -> N -> phone info
8. Search for new phone in hash table
   1. Key Input: F -> phone info
9. Delete a phone
   1. Key Input: Q -> H -> D -> phone info
10. Delete a second phone
    1. Key Input: phone info -> Q
11. Search BST by model number of the deleted phone
    * 1. Key Input: S -> M -> phone info
12. Search BST by model name of the deleted phone
    * 1. Key Input: N -> phone info
13. Search hash table for the deleted phone
    1. Key Input: F -> phone info
14. Undo delete
    1. Key Input: Q -> H -> U
15. Print BST by model number
    1. Key Input: L -> M
16. Print BST by model name
    1. Key Input: N
17. Print indented BST
    1. Key Input: I
18. Print hash table
    1. Key Input: T
19. Print unsorted phones (hash sequence)
    1. Key Input: U
20. Undo delete
    1. Key Input: Q -> H -> U
21. Undo delete again (should give error)
    1. Key Input: U
22. Show statistics (should print info of hash table)
    1. Key Input: H -> T
23. Write database to file
    1. Key Input: H -> W
24. Add phone
    1. Key Input: A -> phone info -> yes (to verify phone info)
25. Quit out of program (should overwrite output file with the new phone included)
    1. Key Input: Q
26. Confirm output file was overwritten with the added phone