Document

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**SYMBOLS.DAT**

6 AAAAA True

7 ABCDEFG False

9 ABCDEFGM True

-33 AAAA True

4 7AB21 True

5 ABC123 False

454 ABddfFGddgegdggddgdgdg 1

**TEST.DAT:**

AAAAAAA

AAAAA

ABC12364

7AD21

ABCDEFABCD

AAAA

To run this program in Linux system, you can type command:

g++ BinaryTree.cpp main.cpp -o test

./test

**OUTPUT:**

-----Step one: Insert valid table-------

-----Open symbols.dat......-------------

7AB21 Invalid symbol(label): Label should start with letter!!

ABddfFGddgegdggddgdgdg Invalid symbol(label): Label should be less than 22 characters long!!

-----Step two: Lookup------

AAAAAAA Not Found

AAAAA found in the table: 6 AAAAA True

ABC12364 found in the table: 5 ABC123 False

7AD21 Not Found

ABCDEFABCD found in the table: 7 ABCDEFG False

AAAA found in the table: -33 AAAA True

----Step Three: Inorder traversal of the symbol table with associated fields----

Value Label Rflag mflag

-33 AAAA True 0

6 AAAAA True 0

5 ABC123 False 0

7 ABCDEFG False 0

9 ABCDEFGM True 0

-----Program ended-----