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## Binary Search Trees

Directions: You are given a stack of cards, each card contains a number and a word. Insert the cards into a binary tree, in the order they are given, using the number as the sort key. Then read from your binary tree (in-order traversal), and write the words corresponding to each node in the tree. You may use scrap paper, but put your final tree in the space below.

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|  |  | Binary Search Tree: |
| :---: | :---: | :---: |
| 96 |  |  |
| 150 | terms |  |
| 105 |  |  |
|  | able |  |
| 99 | a |  |
| 98 | read |  |
| 60 | be |  |
| 205 | a |  |
| 210 | binary |  |
| 200 | from |  |
| 50 | must |  |
| 40 | you |  |
| 220 | tree |  |
| 100 | list | In-order Traversal |

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|  | terms | Binary Search Tree: |
| :---: | :---: | :---: |
| 220 | tree |  |
|  | to |  |
| 105 | of |  |
| 99 | a |  |
| 205 | a |  |
|  | able |  |
| 50 | must |  |
| 60 | be |  |
| 98 | read |  |
| 200 | from |  |
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|  |  | In-order Traversal |

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Binary Search Tree:

In-order Traversal

