Binary Search Tree

1. **Implement the API using Binary Search Tree:** Implement the following API using Binary Search Tree.

void put(Key key, Value val) inserts key and a value in BST.

Value get(Key k) return value paired with Key.

**Key Type:**

Key will be an object of type book containing following attributes

Name

Author

price

**Sample Input #1:**

put,Algorithms,Bob Sedgewick,6000.0,1

put,Python,eric,5000,2

get,Algorithms,Bob Sedgewick,6000.0

**Sample Output #1:**

1

**Input Format:**

Input contains N lines

Each line contains function call, name of the book, author, price, value separated with commas.

You have to create a book object using name, author, and price and use it as a key and insert it into a BST as a key and value pair. Value is the last attribute of the input line in put method

For get method you will be given only function call, name of the book, author, price separated with comma.

**Output Format:**

* Print the return values for get method.

**Note:**

Object comparisons should be done based on Name of the book.