Our Solution(s) Run Code

Solution 1 Solution 2

```
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using System;

public class Program {
  // Average: O(log(n)) time | O(1) space
  // Worst: O(n) time | O(1) space
  public static int FindClosestValueInBst(BST tree, int target) {
    return FindClosestValueInBst(tree, target, Int32.MaxValue);
  }

  public static int FindClosestValueInBst(BST tree, int target, doubl
    BST currentNode = tree;
    while (currentNode != null) {
      if (Math.Abs(target - closest) > Math.Abs(target - currentNode.v
        closest = currentNode.value;
      }
      if (target < currentNode.value) {
        currentNode = currentNode.left;
      } else if (target > currentNode.value) {
        currentNode = currentNode.right;
      } else {
        break;
      }
    }
    return (int)closest;
  }

  public class BST {
    public int value;
    public BST left;
    public BST right;

```

Your Solutions Run Code

Solution 1 Solution 2 Solution 3

```
public class Program {
  public static int FindClosestValueInBst(BST tree, int target) {
    // Write your code here.
    return -1;
  }

  public class BST {
    public int value;
    public BST left;
    public BST right;

    public BST(int value) {
      this.value = value;
    }
  }
}

```

Our Tests

Custom Output Submit Code

Run or submit code when you're ready.