**Test Cases Prompt (examples done within the assignment)**

bst = BinarySearchTree()

bst.insert("Alpha", "333-0987")

bst.insert("Baba", "333-6543")

bst.insert("Charles", "333-2109")

bst.insert("Desmond", "333-8765")

bst.insert("Ema", "333-4321")

bst.insert("Frank", "333-3456")

bst.insert("Gloria", "333-7890")

bst.insert("Henry", "333-1234")

bst.insert("Iron", "333-5678")

bst.insert("Joy", "333-6587")

bst.insert("King", "333-9087")

bst.insert("Lima", "333-8734")

bst.insert("Max", "333-0912")

bst.insert("Nina", "333-7654")

bst.insert("Olivia", "333-3579")

bst.insert("Peter", "333-2468")

bst.insert("Queen", "333-6879")

bst.insert("Rose", "333-0056")

print(bst.search("Alpha")) [*This should return the value of Alpha*]

print(bst.search("Dave")) [*This should return none, since Dave key does not exist*]

# Deleting a node

bst.delete("Iron")

print("In-order traversal:")

bst.inorder\_traversal() [*notice that the key-value pair “Iron” will not be printed, since it has been deleted*]

**Output**

A screenshot of a computer

Description automatically generated