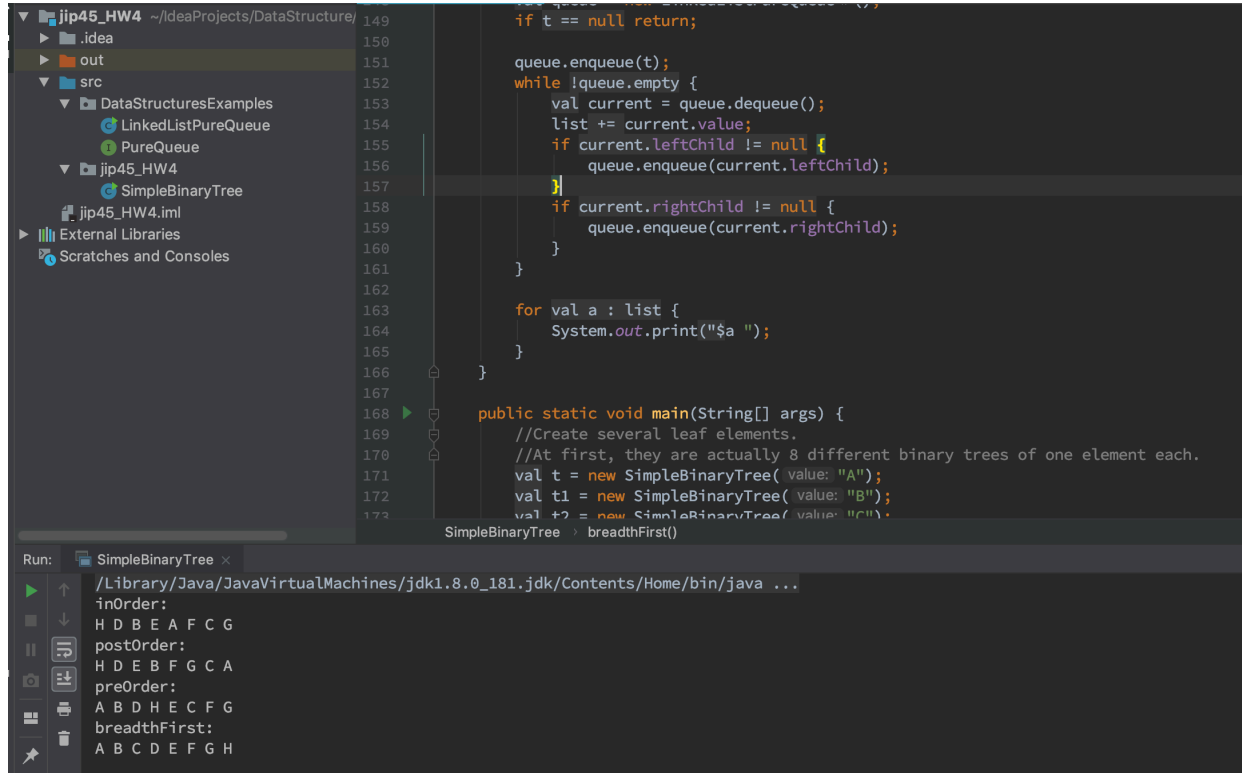


Data Structure Homework 4

By Jing PANG

Output of assignment source code :



The screenshot shows an IDE with a project named 'jip45_HW4'. The source code is in a file named 'SimpleBinaryTree.java'. The code implements a binary tree structure and its traversals. The main method creates three leaf nodes: 'A', 'B', and 'C'. The tree structure is as follows:

```
graph TD
    A[A] --- B[B]
    A --- C[C]
```

The code then performs four traversals: inOrder, postOrder, preOrder, and breadthFirst. The output of these traversals is shown in the Run console:

```
inOrder:
H D B E A F C G
postOrder:
H D E B F G C A
preOrder:
A B D H E C F G
breadthFirst:
A B C D E F G H
```