Quiz 9

COMP9021 Principles of Programming

2016 session 1

Sample outputs

```
$ python3 quiz_9.py
Enter two integers, the second one being positive: 0 3
Here is the tree that has been generated:

        403958
                794772
885440



The sums of the values on the longest branches are, counting each value only once
  or counting it for all branches on which its occurs: (2084170, 2084170)
$ python3 quiz_9.py
Enter two integers, the second one being positive: 0 4
Here is the tree that has been generated:

        403958
                794772
885440

        933488

The sums of the values on the longest branches are, counting each value only once
  or counting it for all branches on which its occurs: (2084170, 2084170)
$ python3 quiz_9.py
Enter two integers, the second one being positive: 0 5
Here is the tree that has been generated:



        403958
                        441001
                794772

885440



        933488



The sums of the values on the longest branches are, counting each value only once
  or counting it for all branches on which its occurs: (2525171, 2525171)
```

```
$ python3 quiz_9.py
Enter two integers, the second one being positive: 5 6
Here is the tree that has been generated:

        267853
                375951
653159
                723985
        777820
                833820
The sums of the values on the longest branches are, counting each value only once
  or counting it for all branches on which its occurs: (3632588, 5716726)
$ python3 quiz_9.py
Enter two integers, the second one being positive: 8 8
Here is the tree that has been generated:

                45905
                        89323
        132467

                202497

237718



        388404

                393603
                        739054
The sums of the values on the longest branches are, counting each value only once
  or counting it for all branches on which its occurs: (2026474, 2264192)
$ python3 quiz_9.py
Enter two integers, the second one being positive: 15 9
Here is the tree that has been generated:



        12220
                        17700
                37933
                        165688
219131

                250557

        546640

                771743
                        957364
The sums of the values on the longest branches are, counting each value only once
  or counting it for all branches on which its occurs: (2728419, 3216834)
```