QUIZ 9

COMP9021 PRINCIPLES OF PROGRAMMING

For clarifications on expected outputs, see Ed or program stub.

```
$ 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 maximum difference between consecutive leaves is: 0
$ 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 maximum difference between consecutive leaves is: 138716
$ python3 quiz_9.py
Enter two integers, the second one being positive: 0 6
Here is the tree that has been generated:

            42450

        403958
                        441001
                794772

885440



        933488
```

```
The maximum difference between consecutive leaves is: 492487
```

```
$ python3 quiz_9.py
Enter two integers, the second one being positive: 3 8
Here is the tree that has been generated:
```

                    136758

249523

                              387926
                                        497081
                  570665

            621429

                              633256

                  960437


```
The maximum difference between consecutive leaves is: 360323
```

```
$ python3 quiz_9.py
Enter two integers, the second one being positive: 3 10
Here is the tree that has been generated:
```

                    136758

    249523

                            387926
                                    497081
                    570665

                            609067

            621429

                            633256
                                    656115
                    960437


```
The maximum difference between consecutive leaves is: 360323
```