ASSIGNMENT 3

Program Structures & Algorithms

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Part 1:

Unit Test run has been successfully completed after completing the height-weighted Quick Union.

Text

Description automatically generated

Part 2 and Part 3: No of connections has been obtained.

Screenshots of various runs has been attached

A screenshot of a computer

Description automatically generated with medium confidence

Relationship : No of connections= (N\*LogN)/2

Where N = no of objects

Evidence of a particular run:

A screenshot of a computer

Description automatically generated with medium confidence