

Report: Connected Components Warmup

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Results

<i>input file</i>	<i>0 connected to 1?</i>
tinyUF.txt	yes
mediumUF.txt	no
largeUF.txt	yes

Methods

For the union-find datastructure I used WeightedQuickUnionUF.java from the textbook. Since weighted quick-union has an order of growth ($\lg N$), that makes it possible to use the largeUF.txt as input, I choose this class.