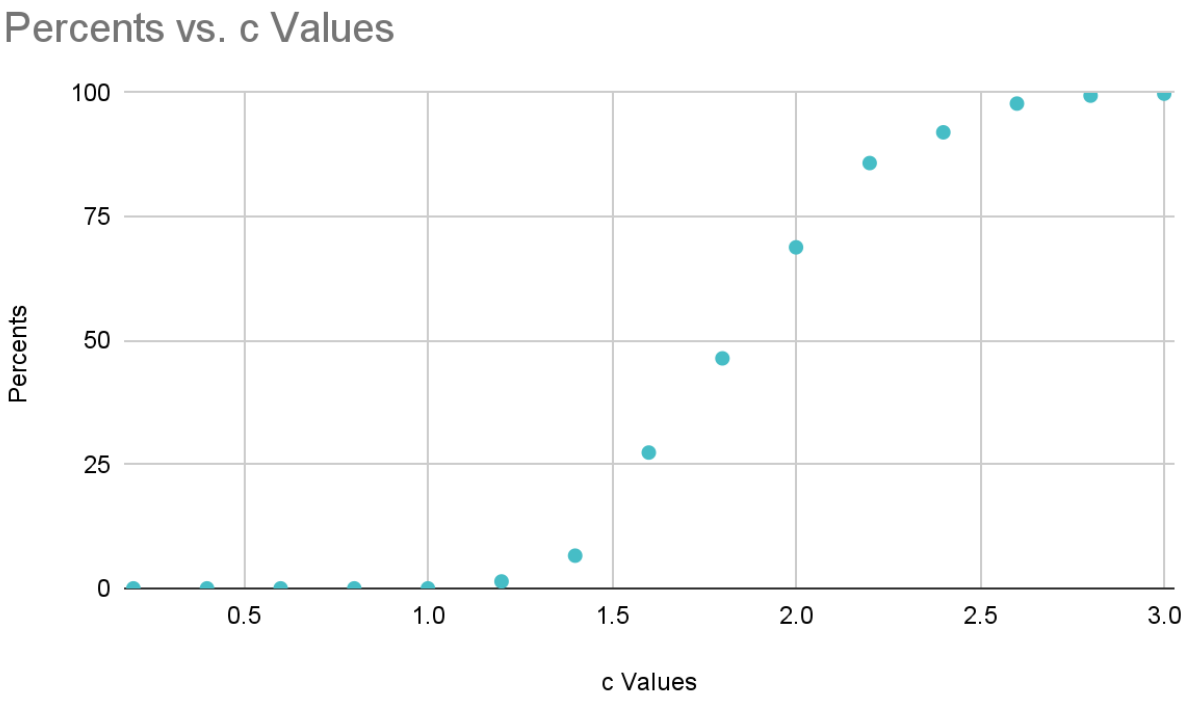
Maggie McComas



Graph A: Represents the Percent of the 500 graphs with n = 40 produced per c Value whose largest connected component was greater than or equal to t = 30.

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fmmccomas@th121-4:~/fmmccomas/CSCI 303$ cd Program1
fmmccomas@th121-4:~/fmmccomas/CSCI 303/Program1$ javac Assignment1.java
fmmccomas@th121-4:~/fmmccomas/CSCI 303/Program1$ java Assignment1
x-axis (c) = 0.2 and y-axis (percentage) = 0.0
x-axis (c) = 0.4 and y-axis (percentage) = 0.0
x-axis (c) = 0.6 and y-axis (percentage) = 0.0
x-axis (c) = 0.8 and y-axis (percentage) = 0.0
x-axis (c) = 1.0 and y-axis (percentage) = 0.0
x-axis (c) = 1.2 and y-axis (percentage) = 1.4000001
x-axis (c) = 1.4 and y-axis (percentage) = 6.6
x-axis (c) = 1.6 and y-axis (percentage) = 27.4
x-axis (c) = 1.8 and y-axis (percentage) = 46.399998
x-axis (c) = 2.0 and y-axis (percentage) = 68.8
x-axis (c) = 2.2 and y-axis (percentage) = 85.799995
x-axis (c) = 2.4 and y-axis (percentage) = 92.0
x-axis (c) = 2.6 and y-axis (percentage) = 97.799995
x-axis (c) = 2.8 and y-axis (percentage) = 99.4
x-axis (c) = 3.0 and y-axis (percentage) = 99.8
fmmccomas@th121-4:~/fmmccomas/CSCI 303/Program1$
```

Image 1: This was the output of one run from the turned-in source code and the data was used for the above graph.