Lab 6 Answer Sheet.

Please complete this answer sheet and turn it in before the due date posted in LEARN.

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| Question | Answer |
| 1  (10 pts) | It looks like an upside down pyramid |
| 2  (10 pts) | The shape changed and the nodes got labels |
| 3  (8 pts) | She is the most important node |
| 4  (8 pts) | 2(14)/10(9) .3111 |
| 5  (6 pts) | 1/(1+2+1+1+1+2+2+3+2) .0667 |
| 6  (6 pts) | 1/(1+1+1+1+1+1+2+2+2) .0833 |
| 7  (6 pts) | Betty |
| 8  (6 pts) | Changing the width and style of the edges may indicate how strong the connections are between the two nodes |

Question 9

(10 pts) **Write up a report to discuss your social network (50-200 words)**:

1. The name and a description of the social network that you chose to examine.
2. The layout algorithm used for the graph.
3. Two observations from the social network analysis and visualization.

The social network I chose to examine was the BestBuy twitter. The graph represents a network of twitter users whose tweets contained “BestBuy” or who were mentioned in those tweets. The algorithm that the creator of the graph used was the Clauset-Newman-Moore

Algorithm. Two observations I have would be: based on the clusters people usually tweet within the same group with little exception and that there are not too many people who do not actually interact with others based on the amount of isolated nodes.