

UK BEBRAS 2017

Computational Thinking Challenge

6TH-17TH NOVEMBER

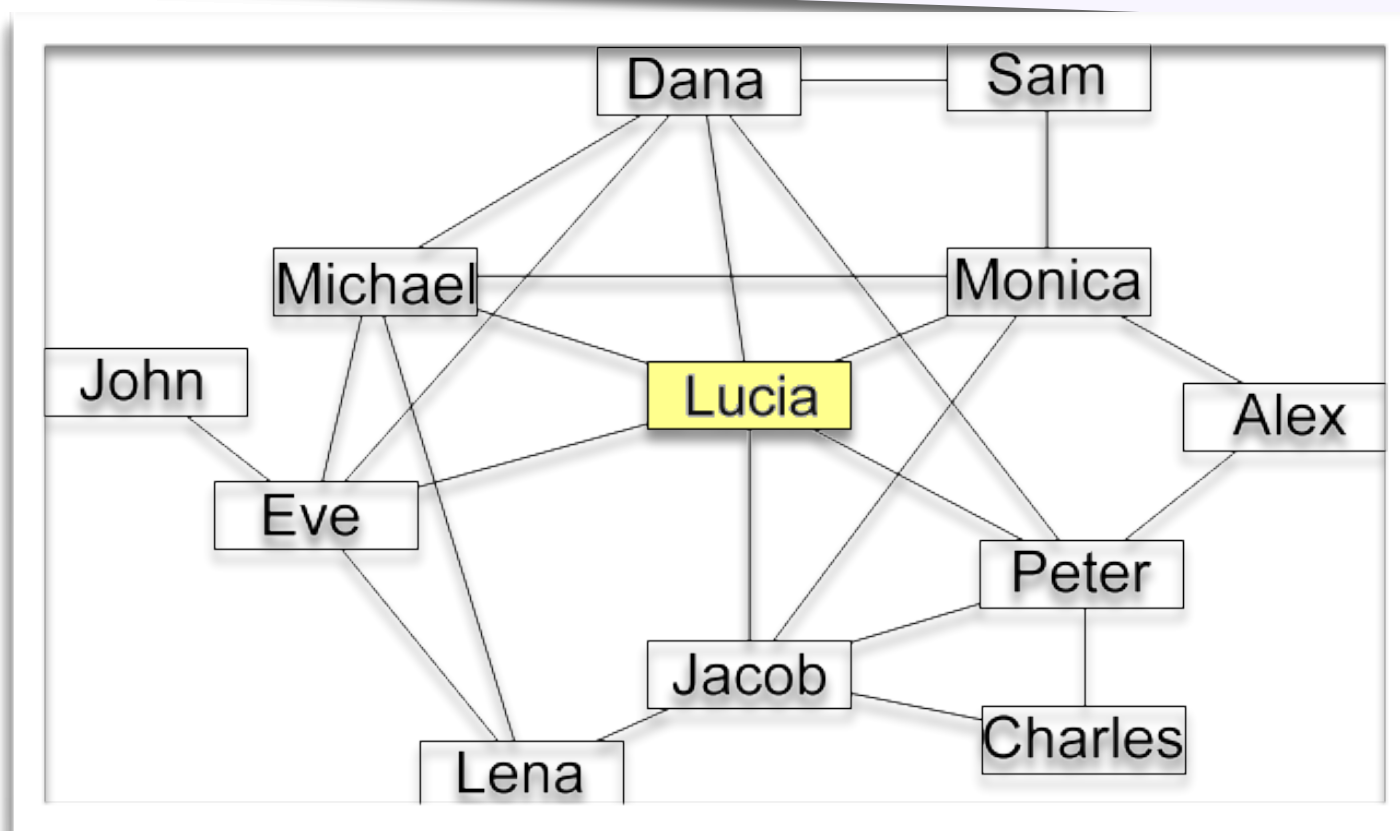


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Friends Photos

Lucia and her friends are part of an on-line social network.

*The diagram below shows the relationships among Lucia and her friends.
Each line indicates a friendship.*



Lucia sends a photo to some of her friends.

Each of those friends then sends the photo to all of their friends.

Which of the following groups of friends can Lucia send her photo to so that Jacob is not sent the photo?

Possible Answers:

Dana, Michael, Eve

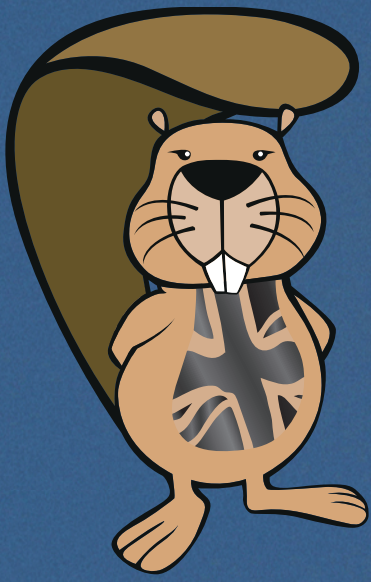
Dana, Eve, Monica

Michael, Eve, Jacob

Michael, Peter, Monica

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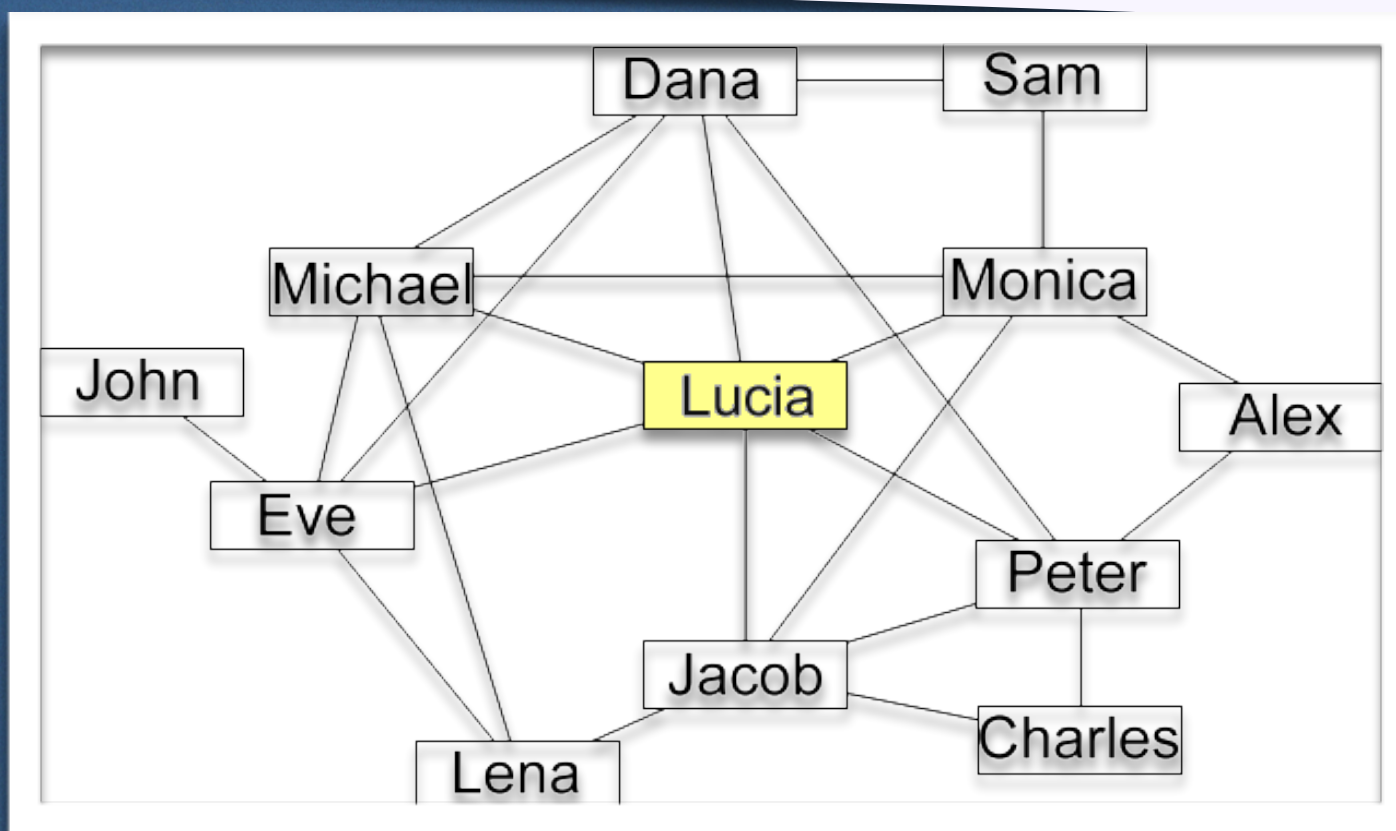


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