

# excercise 01

1. Draw a Graph  $G$ , which we will name  $G_1$ , of the group that is in the room right now, with every person as a node. Connect the nodes based on if the people have met before this seminar session.
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2. We make a new Graph  $G_2$ .  $G_2$  has all the nodes from  $G_1$ , but connect the nodes based on a different criterion of you choosing.
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3. a) You now have to transmit your graph to another person just by using text characters (no drawings allowed) How would you do that?  
Everyone writes down their graph in text form, and gives it to someone else in the class.  
Try and draw the graph based on the description that you got.