

# MiniHomework #6

Due Time: 2016/12/1 (Thu.) 14:20  
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## 1 Problem

Every student has different studying habits, so there exists a best studying order for each person. For example, Alex has 7 subjects to study. They are Physics, Math, Chemistry, Chinese, History, Geography, and English. His studying habits are as follow.

1. Study Math between Physics and Chemistry;
2. Study Physics between Math and (Chemistry or Chinese);
3. Study Chemistry between Math and (Physics or Chinese);
4. Study Chinese between (Physics or Chemistry) and (History or Geography);
5. Study History between English and (Chinese or Geography);
6. Study Geography between English and (Chinese or History);
7. Study English between History and Geography;

Please help Alex arrange a studying schedule for these seven subjects. Ex.  $Physics \rightarrow Math \rightarrow Chemistry \rightarrow Chinese \rightarrow History \rightarrow English \rightarrow Geography$ . Answer should be different from this example.

Hint: the Königsberg problem

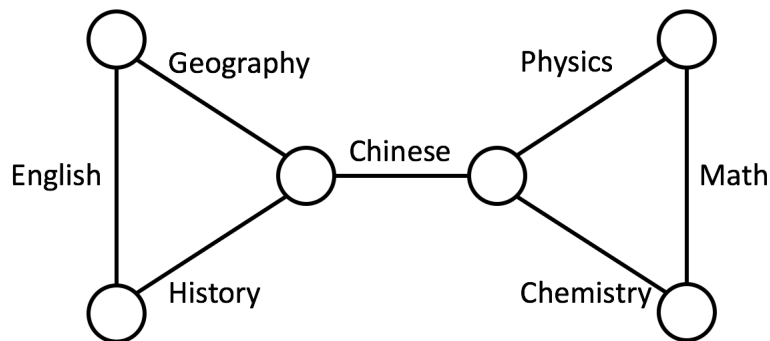


Figure 1: Hint