Lecture 38

CSE 331 May 4, 2020

Sample Final Exam



Sample final exam

Sample final exam is finally available:

- Sample final
- · Sample final solutions

(These are also available under the "Sample Exams" dropdown menu from the banner on the 331 webpage.)

Note that, the actual final exam will be a bit structurally different than this one. There won't be sub-parts as in Q1 and Q2; every question will different.

Two comments:

- I would recommend that you not peek at the solution before you have worked on the sample final on your own.
- As with the sample mid-terms, do not try and deduce anything about the topic coverage in the actual final exam (will post on how to present the sample mid-terms).
 - However, the sample exam was an actual final exam in one of the past years. Your final exam will be of comparable difficulty.

#pin

final_exam



good note 0

The final exam post

Coming today!

Course evaluations incentive



Incentive for filling in course evals

I will release some questions on the final exam depending on the level of response on the official course evals.

- If >=85% students submit the course evals. I will release Q1
- If >=90% students submit the course evals, I will release Q1 AND Q2

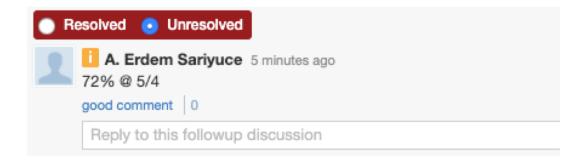
Some other relevant comments:

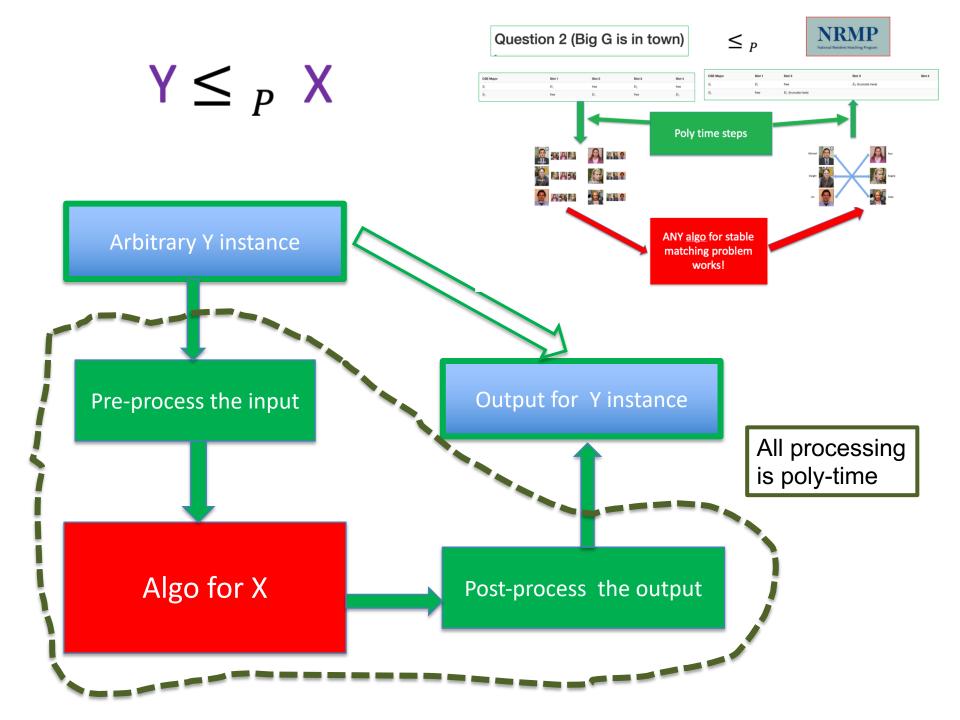
- I will post the current response rate in the comments section below every 3 days until May 9th.
- The % is based on current student registered (151): i.e. it does not include students who have resigned
- I believe this is the link to the course evals: https://sunyub.smartevals.com/
 - But double check the email you might have received on this.

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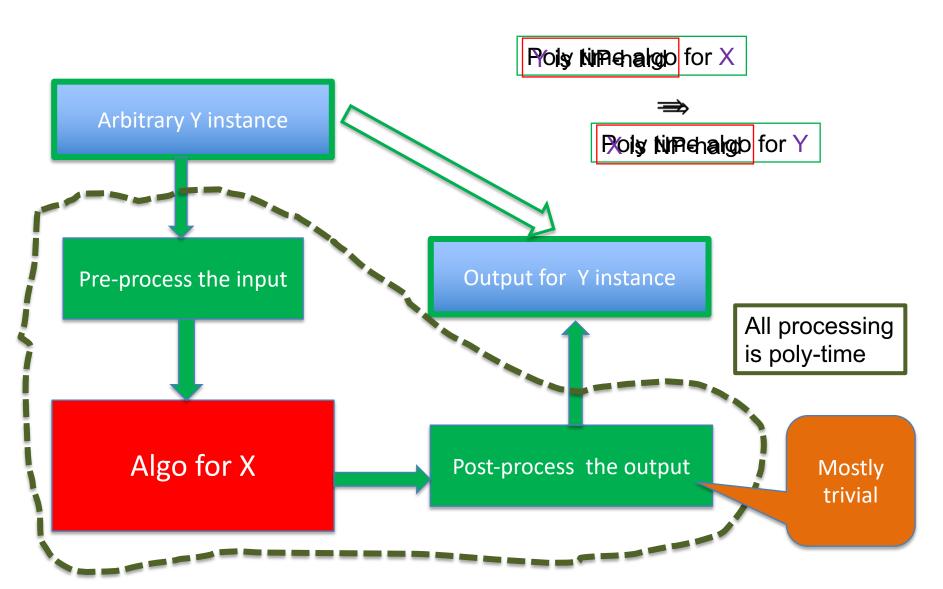
logistics







Implications of $Y \leq_P X$



Today's agenda

Recap of NP-completeness

NP-completeness of k-colorability