

Lecture 35

CSE 331

Nov 20, 2019

Curving coding project grade

note ☆

stop following 95 views

Curving the coding mini-project grade

Based on the feedback so far (go to [@1242](#) if you have not given feedback yet!), it seems like the coding project has ended up being bit more work than we had anticipated.

Given this, I am thinking of curving the coding mini-project grade. Please see below for more details on this but **please let me know via EMAIL by 5pm Monday, Nov 18 if you have any OBJECTIONS**. Since what I'm proposing is technically changing the grading policy, I need to make sure everyone is OK with this change. *If there are objections, then I might not be able to make the proposed changes below.*

Details on proposed change

The basic idea is that I will increase points on coding project as a whole as follows:

- Every group that submits all 5 problems get some fixed number of points.
- In addition to the above, every group's score will be increased in proportion to their actual score.
 - The actual scaling need not be linear but if a group ends up getting a full score of 100, under this proposed scheme they will end up getting some bonus points.

Few comments/clarifications:

- Y'all might have noticed that I did not give specific numbers in the above. This is on purpose: *the actual score increases will be determined after Dec 6*.
- Note that in the scheme above, no one's score will go down and those who do really well end up getting some bonus points so I'm hoping this would be agreeable to everyone.

If there are any questions, please do not hesitate to ask in the comments section below!

Hope this helps y'all as you plan for the rest of the semester with regard to working on 331 stuff. And I do hope this give y'all more motivation to work on the coding project :-)
#pin

grading coding_mini_project

~ An instructor (Elijah Einstein) thinks this is a good note ~

Upcoming deadlines @11am

Problem 2: Friday, Nov 22

Problem 3: Tuesday, Nov 26

There are no optimal algorithms known!

Other than the first problem, we do not know of optimal algorithms to solve the rest of the problems (and we suspect that doing so is not possible (definitely not within a semester). Note that this is unlike the HW Q3s where your code is supposed to always output the optimal/correct solution: i.e. you will have to think of algorithms where you might not be able to prove any guarantee on how good your output is.

Try your solution on all Problems 2 to 5!

Make sure everyone has accept group invitation and THEN submit

2 Factor Authentication

note ☆

stop following

96 views

Actions ▾

2 factor authentication and Autolab submissions

I believe y'all are all using two factor authentication now (<http://www.buffalo.edu/ubit/services/duo.html>).

Please note that it is YOUR responsibility to make sure you have everything sorted out so that you can access Autolab for 331 submissions.

I will not accept any late submission if you could not submit on Autolab because of two factor authentication issues at your end. (E.g. if you are using your phone to do the two-factor authentication, then please make sure you have your phone handy when doing your 331 submission on Autolab.)

Sorry that I did not post about this earlier but since the next deadline is on Friday, this should give y'all enough time to make sure you have everything ready.

#pin

autolab

~ An instructor (Elijah Einstein) thinks this is a good note ~

edit

good note

1

Updated 1 day ago by Atri Rudra

My OH today 2:50-3:40pm

note ☆ stop following 100 views

Atri OH will start 10 mins early tomorrow (Wed) and next week Wed

Sorry to do this again but for **this week AND next week**, my **Wed** office hours will move up by 10 mins. I.e. it'll be from **2:50-3:40pm**. The 3:40pm is a hard stop and I apologize in advance if this causes any inconvenience.

#pin

office_hours

edit · good note | 0

Updated 6 days ago by Atri Rudra

Questions?



$$Y \leq_P X$$

Question 2 (Big G is in town)

 \leq_P


CSE Major	Slot 1	Slot 2	Slot 3	Slot 4
S ₁	E ₁	free	E ₂	free
S ₂	free	E ₁	free	E ₂

CSE Major	Slot 1	Slot 2	Slot 3	Slot 4
S ₁	E ₁	free	E ₂ (truncate here)	
S ₂	free	E ₁ (truncate here)		

Poly time steps



ANY algo for stable matching problem works!

Arbitrary Y instance

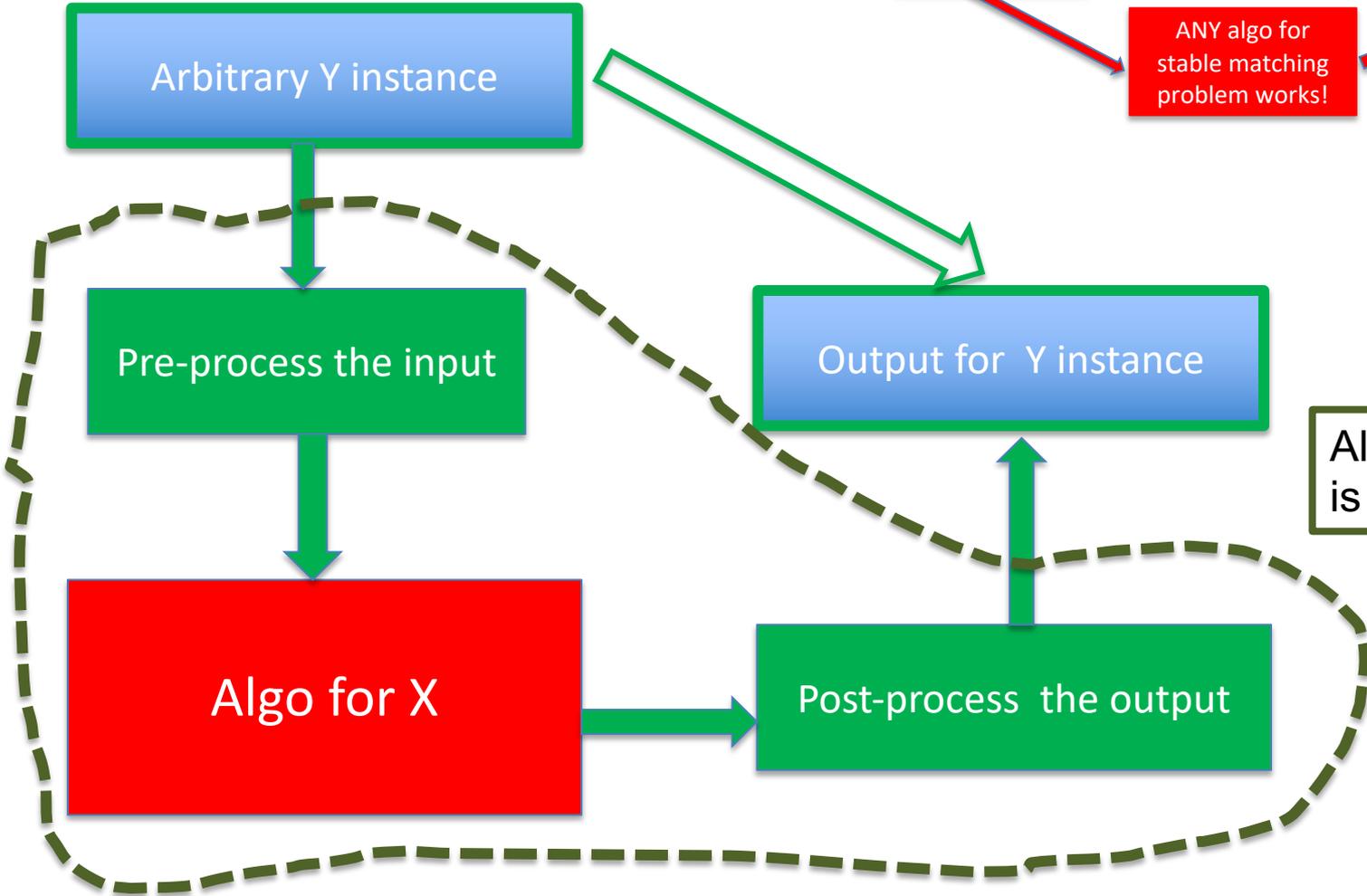
Pre-process the input

Algo for X

Output for Y instance

Post-process the output

All processing is poly-time



Implications of $Y \leq_p X$

