

# Midterm Project Submission & Presentation

CSCI-UA.0470-001

Instructor: Randy Shepherd

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## Submission

By 2:00 PM on presentation day

- Any outstanding branches will be merged to master, run tests to ensure the master branch is compiling and functioning.
- The README.md will contain a description of the features and types of inputs your translator supports, along with any special instructions on how to use it. Include any detail that might be necessary for a user to execute it and observe its output.
- Tag the master branch to indicate the version of the code that is the official submission. Then push that tag to Github. You can do so with the following commands.

```
git tag -a v1 -m 'Midterm project submission'
git push origin --tags
```

Tips:

- Phases 1 – 3 must function. The critical piece of the v1 translator is dynamic dispatch, so this is most important.
- Phases 4 & 5 are important as well, but for the first several inputs, the actual work for phases 4 and 5 is relatively straight-forward.
- Therefore, if you can make phases 1-3 work correctly for all inputs and make phases 4&5 work for some subset of the inputs you can consider that an unmitigated success.

## In-class presentation

You will have 10 & 1/2 minutes to present. Time will be tight. Show up 5 minutes early for this class and sit with your team. We may run over by few minutes too.

That time includes setting up a laptop to the projector, so you must be ready to go when it is your team's turn. I will announce the team order at the beginning of the class.

Your presentation will include the following:

- A set of a few slides documenting the features and the design of your translator. Your slides may contain information like...
  - To what degree does your translator support the 5 phases.
  - What was the schema for your asts? (One way to show it would be in a graphic form as a tree.)
  - What techniques did you use in the various phases?
  - What were the biggest technical challenges? Conceptual hurdles?
- A live demo of your translator with an input of your choice.

You will submit these slides to me after your presentation via a team note in Piazza.

Tips:

- You should have 1 or 2 team members doing the talking.
- Remember the time constraint. You should no more than a slide or two per minute, at most. Practice and time your presentation.
- Basecamp may be a useful tool on collaborating on the slides.
- Nothing fancy with the slides. They can be as ugly as you like. Content is important, I literally do not care how they look.
- Keep the slides to talking points and a few diagrams. Nothing too wordy. You can verbalize the details.
- You will want to have slide presentation software, sbt, terminals and intellij all ready and running on your machine before you stand up to present. Be ready to go.