Project Report Guidelines
Written report due Dec 9, midnight

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ICS 271

Fall 2018

Programming Project

- One (written) report per team
- Grading is based on
  - Quality of work (50%)
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- Grading baseline
  - 13 pts each for work/report when adequate (total = 26)
  - +2 pts each when excellent work (total=4)
- Report : 6-10 pages, not including
  - Title page
  - References
  - Appendix
- Do not print supporting materials, e.g. source code

Language/Environment

- Any language/environment is fine
- Any particular absolute performance is not required
- However, while world-beating performance is not expected, more than just trivial performance is expected
- Focus is on scientifically sound, competent engineering

Major items to cover

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  - Define problem you are solving (brief)
  - Describe your approach
  - Define algorithm(s), define heuristic
  - Describe/analyze properties
  - Assess performance, describe/analyze experimental results
    - Your work is fundamentally experimental work!
  - Make observations

Competiton

- Is optional - there is no penalty for not participating

- We will email a set of benchmark problems, a few per problem type, shortly before the due date.

- Run benchmarks of your problem, include results in your written report, as Appendix
  - List each individual instance (run in case of Othello)
  - Also summary statistics

- SLS -> Probability of solving a problem if there is a solution, within some timelimit.

Submission

- Written report (pdf)
- by 12/9 midnight on gradescope
- Zip source/exe/pdf/etc and upload
  - location TBD
  - Include a ReadMe.txt with make/run instructions.