Lab 4 - Final project

OVERVIEW

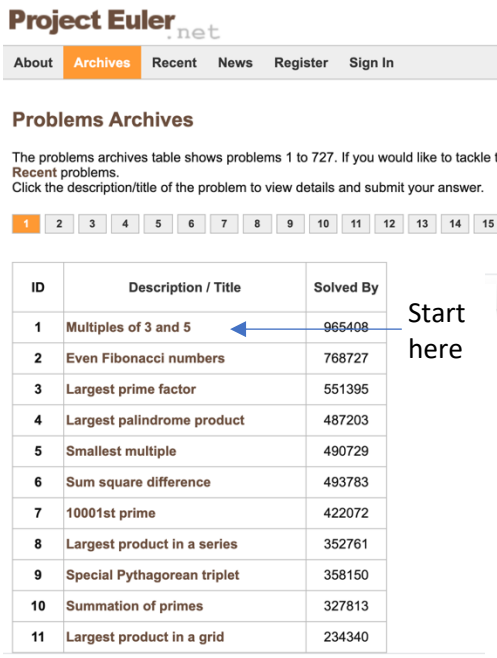
To round out our semester, our final lab will be a more relaxed, self-paced project that uses all of the topics we've learned so far!

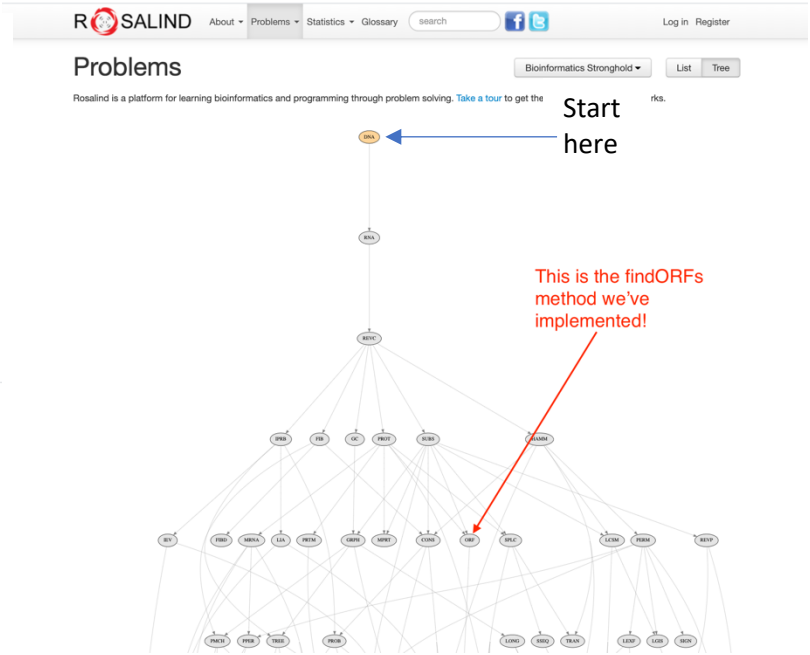
You can choose to complete problems from one of:

1. Project Euler – mathematical problems: https://projecteuler.net/archives
2. Project Rosalind – bioinformatics problems: http://rosalind.info/problems/tree-view/

Explore a little bit of each website to get a feeling for the types of problems available. **No matter which website you choose, you should begin with Problem 1 and work your way up.**

If you chose to make a free account, both Project Euler and Project Rosalind allow you to check your answer. Project Rosalind also allows you to see user-submitted solutions (once you have submitted a working solution). Feel free to learn from other submissions! Sometimes people come up with really creative solutions ☺





GRADING

Journal (50 pts)

- 7 entries:
    - Each day's homework assignment on Canvas will specify the minimum number of minutes to spend on the final project per work session.
- Each entry should contain:
    - Date, start time to end time, total time (ex: Dec 6th 4:05-5:15pm (75 minutes) – you can use your local time)
    - Summary of progress made
        - Description of roadblocks, successes
        - List of features/functions added (if applicable)
    - Minimum 5 sentences per entry

Submitted code (25 pts):

- Should be thoroughly commented
- Uploaded to a GitHub repository at the end of each work session (MUST HAVE 6 separate uploads)
- Graded purely on demonstrated effort and commenting, not how many lines of code or sophistication of code or number of functions (this should be fun, not stressful!)

Group check-ins (25 pts):

- Must participate in in-class group discussion about project progress. Should help others with their roadblocks, seek help, and/or share any cool information learned

TO SUBMIT

Please upload **(1)** a URL linking to your GitHub repo AND **(2)** a PDF of your journal with 6 entries by **WEDNESDAY JANUARY 20 @ 10 PM**. Any extensions must be requested by Friday, January 15 @ 10 PM.