

CS304 Individual Assignment 2: Open Source Contribution (3 Points)

In this assignment, your task is to contribute to an open-source software project by submitting a pull request. This assignment will help you engage with real-world software development, understand open-source collaboration, and improve your coding skills.

Requirements

1. Selecting an Open-Source Project:

- The project must be a software application (not a tutorial, course, assignments, documentation, or similar projects).
- It must be compilable, runnable, and testable.
- It must have at least 50 stars on GitHub.
- It must have been created at least one year ago and remain active within the past year.

Projects that CANNOT be selected:

- [Teedy](#)
- Projects related to your team project. For example, if your team project adds a new feature to an existing open-source project, you CANNOT reuse it for this assignment.
- Team projects of this course from past semesters.

2. Pull Request (PR) Submission:

- Your PR must introduce a functional code change (not just documentation updates or trivial fixes like renaming variables).
- Examples of valid contributions include adding a new feature or fixing a non-trivial bug (e.g., a logic error that causes incorrect results.).
- For inspiration, you may explore the open issues of the selected projects. Typically, open issues include unresolved bugs and new feature requests. Or, you may use the selected project as end users, and see if you can identify potential problems or feature improvements.
- If your PR is associated with an existing issue in the project, the issue must be **open** at the time of submission and not already resolved.

Evaluation

1. Submit a PR to an open source project that meets the criteria.
2. The PR introduces a non-trivial functional code change.
3. (Bonus) The PR gets accepted and merged into the upstream repository before June 8th, 2025.

We will evaluate your PR **onsite during lab sessions from week 11 to week 14**. Ask your lab tutor (or TAs) to check the PR when you're ready. You should demo the PR and explain it. **No score will be given to this assignment if you didn't ask us to check onsite.**

Submission

Submit the following items to BB before the onsite check:

1. The URL of your PR.
2. A description of the PR.

Both the onsite check and the BB submission are necessary for completing this assignment.