

Report on the solution of Oblig 1 in IN2031

Student X (studx@ifi.uio.no)

Student Y (study@ifi.uio.no)

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1 Introduction

This report documents the reference solution of the Oblig1 assignment. It is intended not just to explain the reference solution, but also as an example of a report with good structure and content. You may use it as inspiration for reports you write later during this and other courses. However, do not follow it slavishly: different problems call for different solutions, and different people have different style. If you prefer another style, then stick to it. An idiosyncratic report executed well is superior to a idiomatic report executed poorly.

The task was to implement a small programming language. I have not found reason to stray from the functional requirements outlined in the report, and it is to my knowledge implemented completely. For the pedantic, Section 5 notes some theoretical deficiencies.

2 Design

3 Implementation

The core of the program is ...

4 Testing

I test by extending the handed-out gradle unit test suite, with

Interesting cases include:

- ...
- ...
- ...

4.1 Test Limitations

The automated tests only cover the *happy path*, not any error cases. I have tested trivial cases ...

5 Limitations and Potential Problems

If a sting with + is inputtet our implementation will.

6 Conclusions

We have implemented a ... I judge the implementation to be ...