Assignment 5: Assembler Implementation

# Task: Implement the Hack assembler.

# Submission

## Pack the following files in one zip file and submit to Blackboard

* Documentation.pdf
* All source files.

## It’s a group assignment, so only one member in the group needs to submit.

The Documentation.pdf should contain the following contents AT LEAST:

* **Instruction** on how to run the assembler. The instruction should be detailed, assuming that the reader knows nothing about your code.
* **Modules description**: If you assembler is implemented as several modules, descript each one.
* **Workload division** for group members. If your name and workload were not documented, you will not receive any points. As long as you have your own workload share, you will receive the same points as others.

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| Grading Rubric | | |  |
| **Documetation.pdf** | **Instruction** on how to run the assembler |  | 2 |
| **Modules description** | Functionality, interface | 3 |
| **Workload division** |  | 3 |
| Source code | Correct output | The program is able to perform the functionaliry and produce the output as required. | 5 |
| Algorithm |  | 5 |
| Formating |  | 2 |
| In-line comments | Explain your algorithm/steps | 5 |
| Headers | Author, date, description. Each method should also contain header. | 5 |