

Systems Programming Project 1

Introduction

You studied in the lectures the Assembler and how it works on both SIC and SIC/XE machines.

You are required to implement the 2-pass assembler of the SIC machine.

You can check the Algorithm of the 2-pass assembler from [here](#).

Testing of the Project

1-Input is any assembly source program based on SIC machine only.

2-Output is the object program code of the input source program.

3-Handling Errors as non-existing operations or un-defined labels, is a bonus.

Rules and Submission

1-Groups are of 3 members or less.

2-You can use any programming language that suits you.

4-Submission on week 8 starting from Saturday 24/3.
