**Arab Academy for Science and Technology**

Faculty of Engineering



**Linker-Loader Report**

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1. About Project

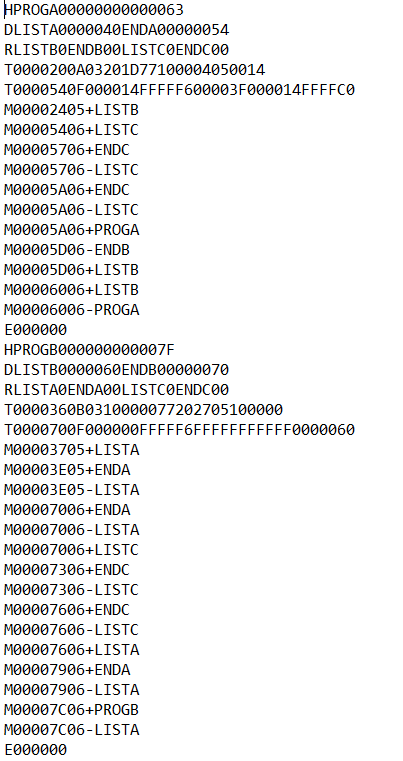
The project was generated by only one student using Python programming language for its flexibility and wide variety of functions, what makes it the best choice to work on such project.

The Linker-Loader project supports all kind of records. It helps the user by simulating what happens in a sic machine memory while loading and linking by showing a detailed GUI that represents SIC machine memory.

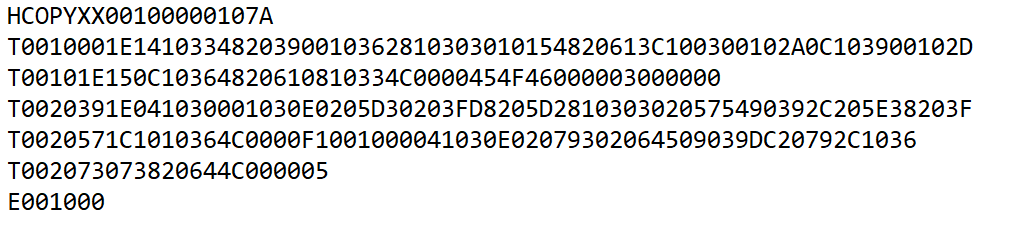
Options:

1. Program Alerts user if he entered invalid address
2. User input any file he want to load.
3. User input any starting address he wants.
4. User can choose to load SIC or SIC/XE program
5. The loading-linking operation is presented in a well-organized GUI that represents SIC machine memory

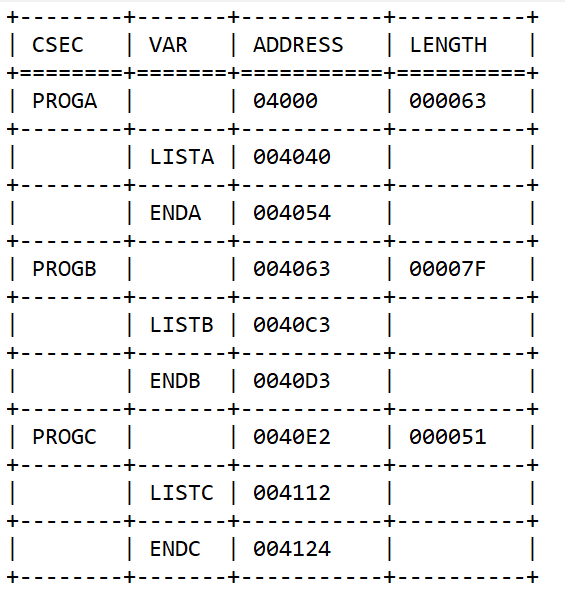
Sample Input SIC/XE



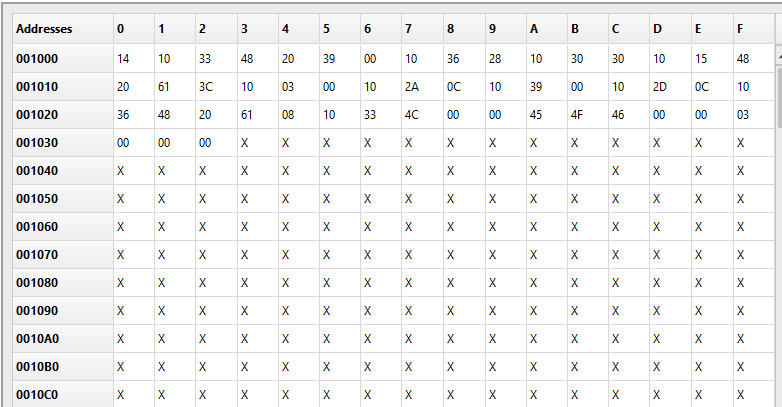
Sample Input SIC



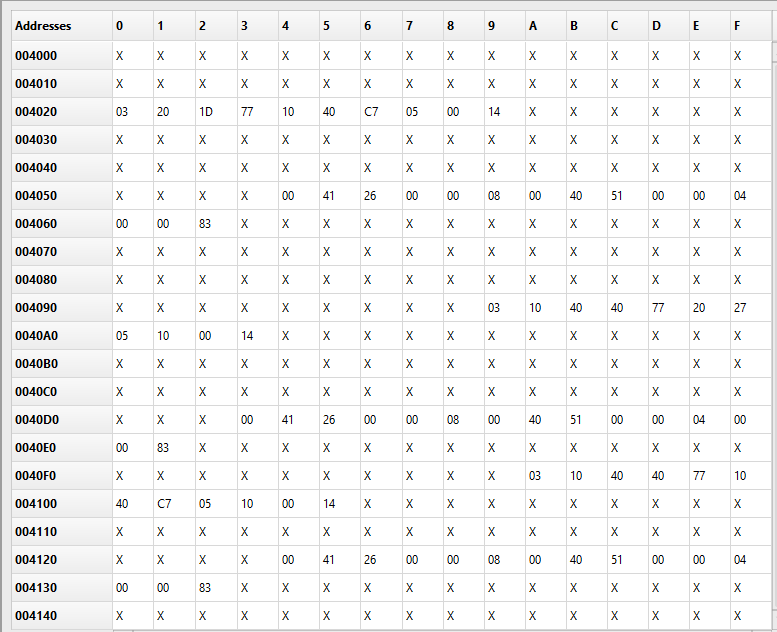
Ext\_Sym\_Table.txt



Loading SIC



Loading SIC/XE



Program Interaction

