CSS422 FINAL PROJECT: EASY68K DISASSEMBLER

TEAM RELIABLE (JASON FU AND NICHOLAS ABEL)

DOCUMENTATION

Program Description

Something something dark side something something.

As a team, we decided that our program should be highly coupled. Because of this, we decided to write a subroutine to isolate each of the three most important bits in each opcode. We reused these subroutines almost every opportunity we were given.

Specification

The program has to first be loaded some amount of data that needs to be disassembled. This is done by opening the listing file after executing the program but before running it. Once it is loaded, the program can be run. It will then prompt the user for a starting address and an ending address. The program will iterate through the memory and convert the hexadecimal address to the corresponding opcode and decimal numbers.

Test Plan

The test file was the first thing that was written—it was essentially a thorough compilation of all possible combinations of opcode and EA.

Exception Report

Nothing doesn’t work.

Team Assignments and Report