ET-386 L

Lab 1 Intro. to 68HC11, JBUG11 , ASMHC11 Assembler, Immediate Addressing

1. Open Notepad.

2. Enter the following program, make your own comments after the semi-colon:

```
ORG    $0100 ;
LDAA   #$10  ;
ADDA   #$55  ;
STAA   $0120 ;
END
```

3. In Notepad: Save program with the name: Test.asc Save to C:\ (as low as possible)
   Save as type: all files

4. Open the command prompt, assemble the program as follows: ASMHC11 Test.asc
   Always go to the root directory, as low as possible (CD..)
   Note: Two new files are created: TEST.S19 and TEST.LST

5. Open JBUG11 and follow the instructions in the manual.

6. Save your files; print the *.lst files for your records.

8. New Commands:

ORG	Originate program at certain memory location
LDAA	Load accumulator A
STAA	Store contents of accumulator A
ADDA	Add to accumulator A
#	Immediate addressing mode
$	Hexadecimal number system
T	Trace
L	List Memory