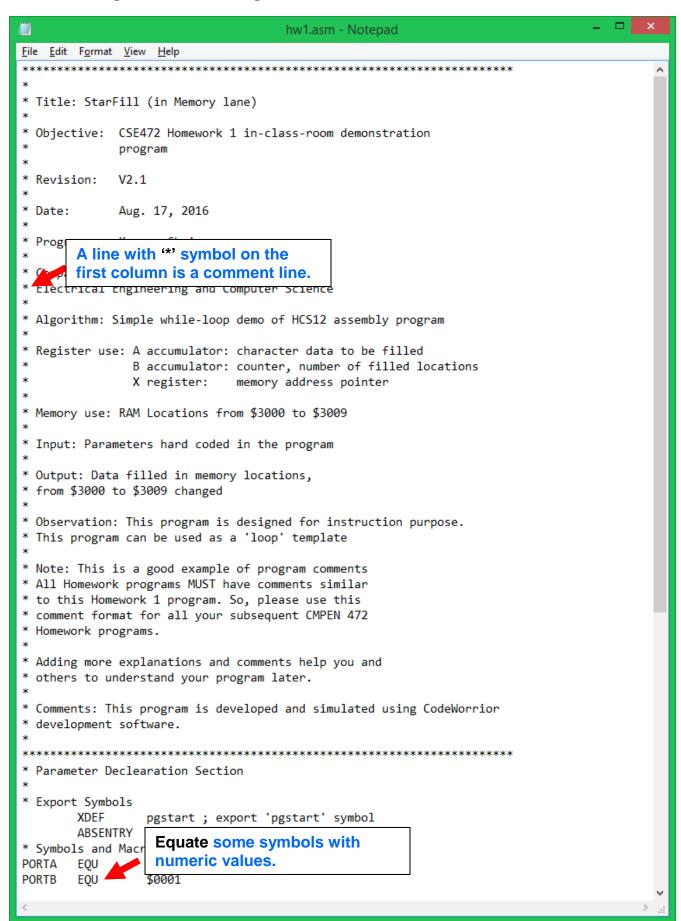
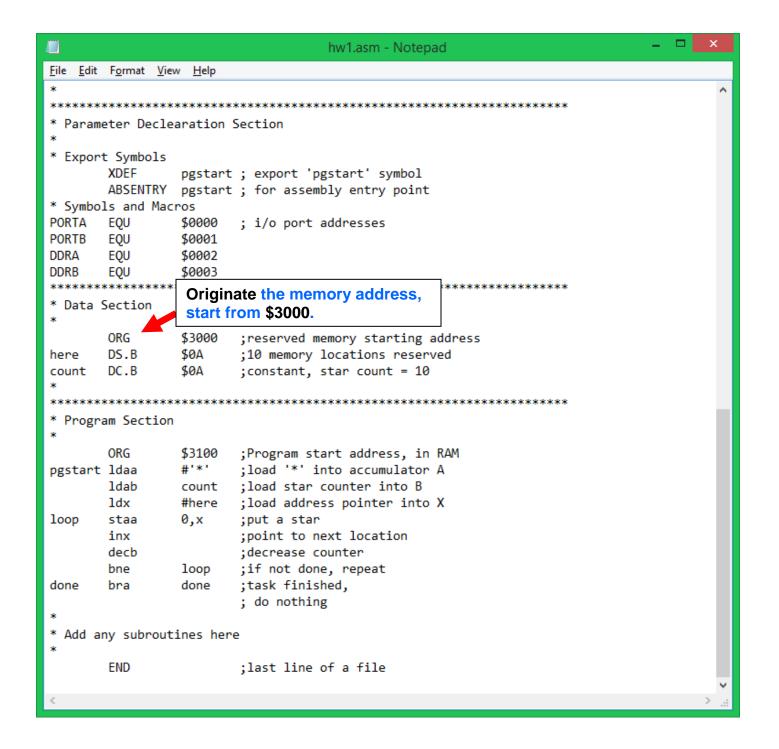
Understanding Homework 1 Program





Number Notation: decimal, hexa-decimal, binary, others %

HC12 Memory Map: \$0000 -> \$FFFF, RAM, ROM(Flash), Port

HC12 Register Set: A, B, X, Y, CCR, SP, PC

HC12 Instruction Set: LOAD, STORE, BRANCH

HC12 Addressing Modes: #\$3000, \$3000, 0,x

HCS12 Microcontroller: S12CPU

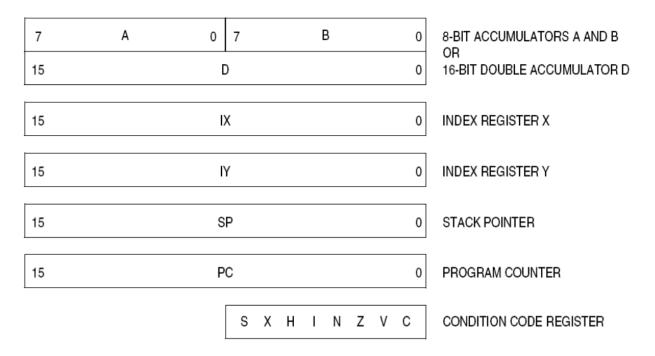


Figure 2-1. Programming Model

Program Flow Chart: Top-down approach, helps quickly design program, and helps program understanding.