**LAB # 2**

**INTRODUCTION TO VVM PROGRAMMING**

Introduction to the architecture of Visible Virtual Machine (VVM) and its Instruction set

**OBJECTIVE**

Learn VVM Programming and simulate VVM program

# LAB TASKS

1. Take any integer as input, if the number is greater than 5 print it

If a >5, print a

Else if a = 0, then Halt

Else if a < 5, then halt

**CODE:**

IN

STO 98

LDA 99

SUB 98

BRZ 08

BRP 08

LDA 98

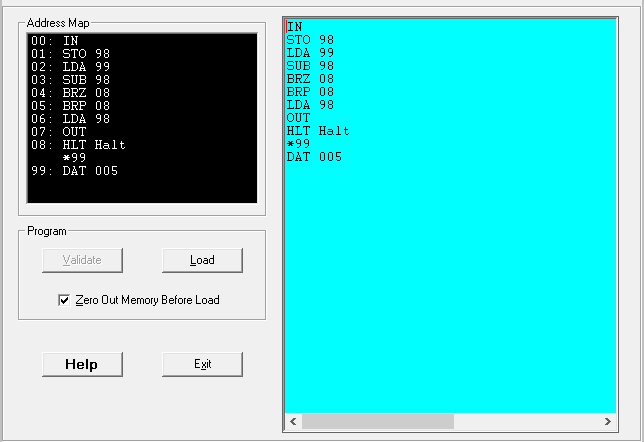
OUT

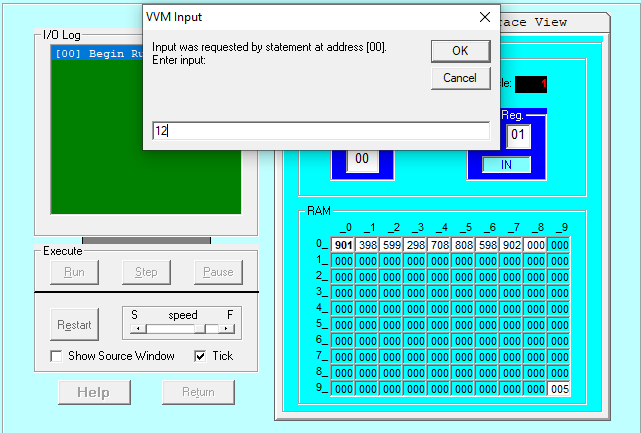
HLT Halt

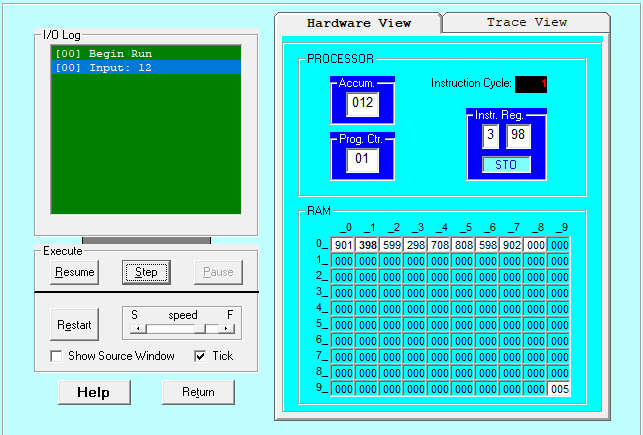
\*99

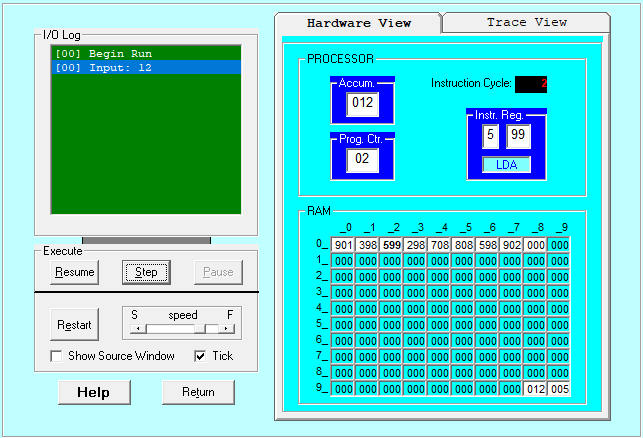
DAT 005

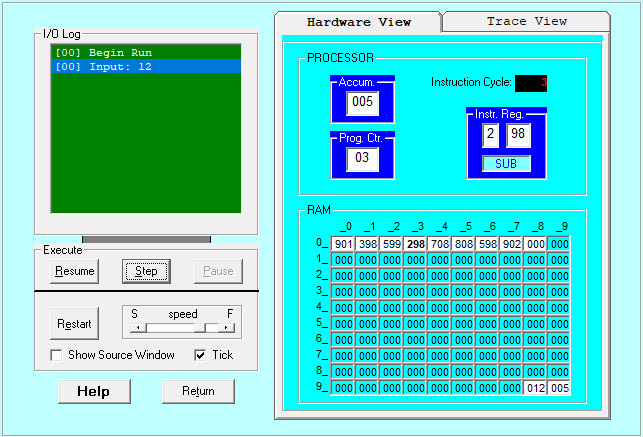
**OUTPUT:**

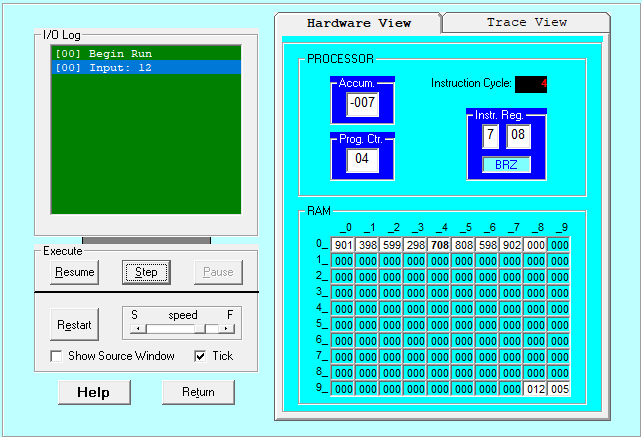


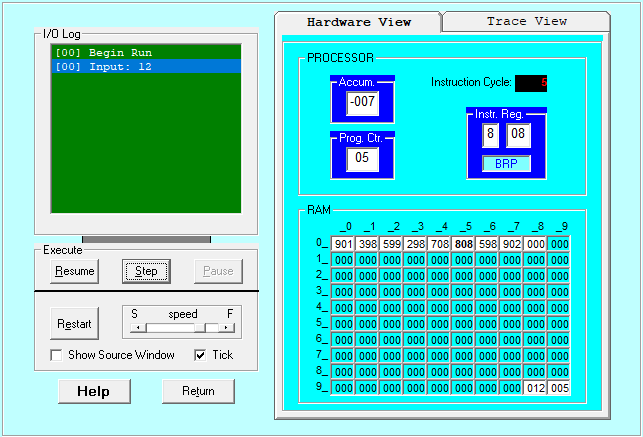


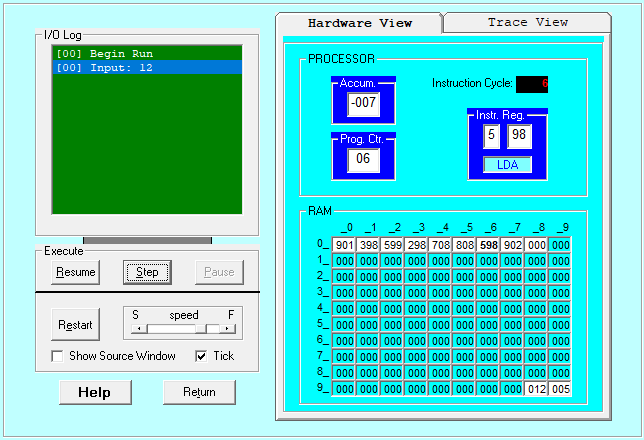


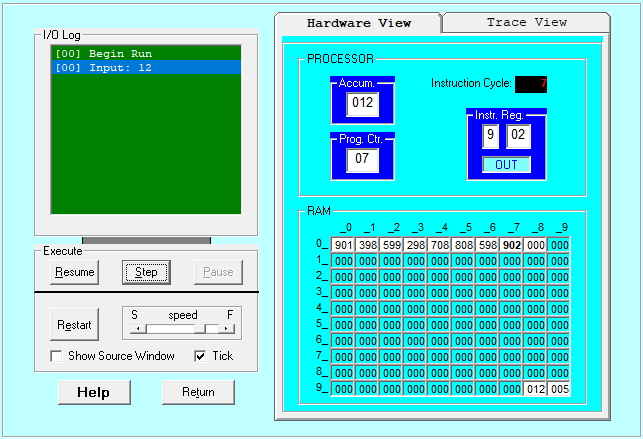


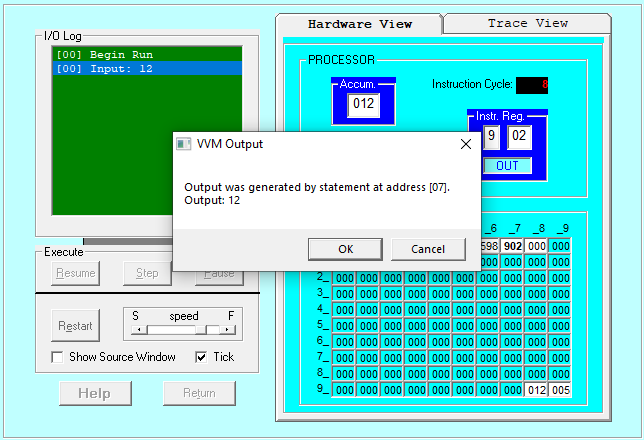


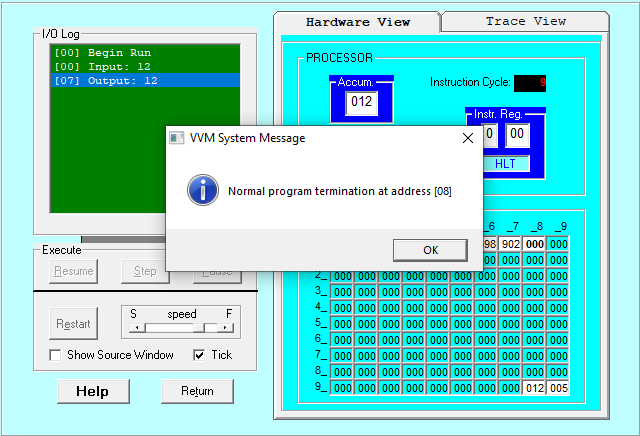












Take two numbers as input and print the larger number.

**CODE:**

IN

STO 98

IN

STO 99

SUB 98

BRP 09

LDA 98

OUT

HLT Halt

LDA 99

OUT

HLT Halt

**SOLUTION:**

