

; Store One Value into Memory

JMP startProgram

; Jump/start executing from specified label

; From Line 3 Move directly to Line 10

;data

;code

startProgram: NOP; no operation

; MVI- Move data immediately into a register

; STA- Store the value from the accumulator

; into specified memory location

MVI A, 12H; Move 12 into accumulator

STA 1111H; Store at memory location 1111

HLT; Stop execution completely