;Soliman Sean

;Comp Arch 416

;Chapter 5 - problem 25

BR main ;Branch around data

chConst: .EQUATE 'a' ;Char constant

ch1: .BLOCK 2 ;Storage for char input

ch2: .BLOCK 2 ;Storage for char input

;

main: LDBA 0xFC15,d ;load from input device

STBA ch1,d ;store into declared var

LDBA ch1,d ;load var

STBA 0xFC16,d ;store loaded var to output device

LDBA chConst,i ;load declared/defined constant chConst

STBA 0xFC16,d ;store chConst into output device

LDBA 0xFC15,d ;load from input device

STBA ch2,d ;store into declared var

LDBA ch2,d ;load var

STBA 0xFC16,d ;store loaded var to output device

STOP

.END

