CODE SEGMENT

ASSUME CS:CODE

ORG 4100H

TAB5:

;-- 文字: 胡 --

;-- 宋体12; 此字体下对应的点阵为：宽x高=16x16 --

DB 000,010,090,090,0FF,090,090,010,000,0FE,022,022,022,0FE,000,000,

DB 000,000,03F,010,010,010,0BF,040,030,00F,002,042,082,07F,000,000,

;-- 文字: 玉 --

;-- 宋体12; 此字体下对应的点阵为：宽x高=16x16 --

DB 000,002,082,082,082,082,082,0FE,082,082,082,082,082,002,000,000,

DB 040,040,040,040,040,040,040,07F,040,040,044,058,040,040,040,000,

;-- 文字: 杰 --

;-- 宋体12; 此字体下对应的点阵为：宽x高=16x16 --

DB 000,008,008,088,048,028,018,0FF,018,028,048,088,008,008,000,000,

DB 082,042,031,000,000,010,060,007,010,060,000,000,011,0E2,002,000,

PA EQU 0FF28H

PCTL EQU 0FF2BH

RSN EQU 00H

RS EQU 01H

RWN EQU 02H

RW EQU 03H

EN EQU 04H

E EQU 05H

CS1N EQU 08H

CS1 EQU 09H

CS2N EQU 0ah

CS2 EQU 0bh

ORG 01000h

JMP START

YR DB ?

ZR DB ?

PAG DB ?

Y16 DB ?

pag7 db ?

FL DB ?

START: MOV DX,PCTL

MOV AL,80H

OUT DX,AL

MOV FL,00H

MOV CX,0003H

CALL DELAYXMS

MOV DX,PCTL

MOV AL,EN

OUT DX,AL

MOV AL,RS

OUT DX,AL

MOV AL,CS1

OUT DX,AL

MOV AL,CS2N

OUT DX,AL

MOV AL,RSN

OUT DX,AL

MOV DX,PA

MOV AL,3FH

OUT DX,AL

CALL WRITE

MOV CX,0001H

CALL DELAYXMS

MOV DX,PCTL

MOV AL,CS2

OUT DX,AL

MOV AL,CS1N

OUT DX,AL

MOV AL,RSN

OUT DX,AL

MOV DX,PA

MOV AL,3FH

OUT DX,AL

CALL WRITE

MAIN: ;MOV CX,000FH

MOV BX,OFFSET TAB5

CALL ZXL

;MOV CX,000aH

;CALL DELAYXMS

;MOV BX,OFFSET TAB6

;CALL ZXL

;MOV CX,000FH

;CALL DELAYXMS

JMP $;MAIN

ZXL: MOV DX,PCTL

MOV AL,CS2N

OUT DX,AL

MOV AL,CS1

OUT DX,AL

CALL XPAGE

CALL COM

MOV DX,PCTL

MOV AL,CS1N

OUT DX,AL

MOV AL,CS2

OUT DX,AL

CALL XPAGE

CALL COM

RET

XPAGE: MOV ZR,0c0H

MOV YR,40H

MOV PAG,0B8H

mov pag7,08h

MOV DX,PCTL

MOV AL,EN

OUT DX,AL

MOV AL,RSN

OUT DX,AL

MOV DX,PA

MOV AL,ZR

OUT DX,AL

CALL WRITE

MOV DX,PA

MOV AL,YR

OUT DX,AL

CALL WRITE

MOV DX,PA

MOV AL,PAG

OUT DX,AL

CALL WRITE

RET

COM: MOV Y16,10H

MOV CX,0040H

MOV DX,PCTL

MOV AL,RS

OUT DX,AL

J44: push bx

J4: MOV AL,CS:[BX]

MOV DX,PA

OUT DX,AL

push cx

CALL WRITE

POP CX

inc bx

DEC Y16

CMP Y16,0000H

JNZ J42

MOV Y16,10H

ADD BX,0010H

J42: LOOP J4

NOT FL

CMP FL,00H

JZ J45

pop bx

add bx,0010h

J46: INC PAG

dec pag7

cmp pag7,00H

jz j43

MOV AL,RSN

MOV DX,PCTL

OUT DX,AL

MOV DX,PA

MOV AL,YR

OUT DX,AL

CALL WRITE

MOV DX,PA

MOV AL,PAG

OUT DX,AL

CALL WRITE

JMP COM

J43: RET

J45: pop bx

add bx,0070h

JMP J46

WRITE: MOV DX,PCTL

MOV AL,RWN

OUT DX,AL

MOV AL,EN

OUT DX,AL

MOV AL,E

OUT DX,AL

CALL DELAY2MS

MOV AL,EN

OUT DX,AL

RET

DELAY2MS:

MOV CX,78H

LOOP $

RET

DELAYXMS:

PUSH CX

MOV CX,0040H

DELY2:

PUSH CX

MOV CX,3E8H

LOOP $

POP CX

LOOP DELY2

POP CX

LOOP DELAYXMS

RET

CODE ENDS

END START