

```

MOV BH, 10H
MOV AH, 6
MOV CX, 0
MOV DH, 24
MOV DL, 79
INT 10H
MOV AH, 2
MOV BH, 0
MOV DH, 20
MOV DL, 40
INT 10H
MOV AL, 'N'
MOV CX, 10
MOV BH, 0
MOV BL, 0A4H
MOV AH, 9
INT 10H

```

4.20 试编程：从键盘上输入同学的姓名 Mr. ABC 或 Mrs. XYZ, 当按动任意一个键时, 屏幕上将显示出 “Welcome Mr. ABC” 或 “Welcome Mrs. XYZ”。

答:

```

D      SEGMENT
D1     DB 'Mr. ABC'
D2     DB 'Mrs. XYZ'
D3     DB 'Welcome Mr. ABC', 0DH, 0AH, '$'
D4     DB 'Welcome Mrs. XYZ', 0DH, 0AH, '$'
N      EQU $-D1
D5     DB 20
      DB ?
      DB 20 DUP(?)
D      ENDS
C      SEGMENT
      ASSUME CS:C, DS:D, ES:D
BG,    MOV AX, 0
      MOV DS, AX
      MOV ES, AX
      LEA DX, D5
      MOV AH, 0AH
      INT 21H
      MOV AH, 8
      INT 21H
      LEA SI, D1

```