```
MYIRQ   PROC FAR                                ; The code is not complete and you should finalize the procedure
CLI



        INC BX

STI


IRET
                                                ; Do not forget to return back from a ISR
MYIRQ   ENDP

        END
```

```
DISPLAY8255 PROC
; Put your code here

                        ;通过PC0开关控制PA6，进一步控制GATE0

          MOV DX,PortC
          IN AL,DX
          AND AL,00000001B
          MOV CL,6
          SHL AL,CL
          OUT DX,AL

                       ;BX里存着中断的次数（16进制）    千万不要修改BX BH BL

                                ;round1 点亮右1
          MOV DX,BX                    ;DX暂存中断次数
          AND DX,0000000000001111B    ;DX中存右1对应的16进制数
          MOV SI,DX
          MOV AL,SEGTAB[SI]
          MOV DX,PortB
          OUT DX,AL                    ;输出PortB，点亮右1数字

          MOV DX,PortA
          MOV AL,11110111B
          OUT DX,AL                   ;选中右1
          MOV AL,11111111B           ;
          OUT DX,AL                ;取消选中右1
```

```
                                    ;round2 点亮右2
MOV DX,BX                       ;DX暂存中断次数
AND DX,0000000011110000B    ;DX中存右2对应的16进制数
MOV CL,4
SHR DX,CL
MOV SI,DX
MOV AL,SEGTAB[SI]
MOV DX,PortB
OUT DX,AL                   ;输出PortB，点亮右2数字

MOV DX,PortA
MOV AL,11111011B
OUT DX,AL                  ;选中右2
MOV AL,11111111B          ;
OUT DX,AL              ;取消选中右2

                                        ;round3 点亮右3
MOV DX,BX                       ;DX暂存中断次数
AND DX,0000111100000000B    ;DX中存右3对应的16进制数
MOV CL,8
SHR DX,CL
MOV SI,DX
MOV AL,SEGTAB[SI]
MOV DX,PortB
OUT DX,AL                   ;输出PortB，点亮右3数字

MOV DX,PortA
MOV AL,11111101B
OUT DX,AL                  ;选中右3
MOV AL,11111111B          ;
OUT DX,AL              ;取消选中右3

                                        ;round4 点亮右4
MOV DX,BX                       ;DX暂存中断次数
```

```
    AND DX,1111000000000000B    ;DX中存右4对应的16进制数
    MOV CL,12
    SHR DX,CL
    MOV SI,DX
    MOV AL,SEGTAB[SI]
    MOV DX,PortB
    OUT DX,AL                   ;输出PortB，点亮右2数字

    MOV DX,PortA
    MOV AL,11111110B
    OUT DX,AL                  ;选中右2
    MOV AL,11111111B          ;
    OUT DX,AL              ;取消选中右2



          RET
```