برنامه ای بنویسید که کاراکتری دریافت و تشخیص دهد صدا دار است یا بی صدا .

```
GET MACRO
   MOV AH,7H
   INT 21H
ENDM
                      ; * MACRO GET CHAR
RECOG MACRO
    CMP AL,"i"
    JE BACK1
    CMP AL,'o'
    JE BACK1
    CMP AL, 'a'
    JE BACK1
    CMP AL,'u'
    JE BACK1
    CMP AL, 'e'
    JE BACK1
    JMP EXIT
ENDM
                      ; * RECOGNITION CAHR
SHOWCHAR MACRO
     MOV AH,02H
     MOV DL,07H
     INT 21H
ENDM
STACK 64
.DATA
.CODE
  MAIN PROC FAR
    MOV AX,@DATA
    MOV DS,AX
    GET
                       ; * CAL MACRO GET
                       ; * CAL MACRO RECOG
    RECOG
                       ; * CAL MACRO SHOWCHAR
    BACK1:SHOWCHAR
  EXIT: MOV AX ,4C00H
  INT 21
MAIN ENDP
```

```
GET MACRO
  MOV AH, 0AH
  MOV DX, OFFSET MSG
  INT 21H
ENDM
                  ; * MACRO GET STRING
SHOWCHAR MACRO
    MOV Cl, MSG+1
    MOV BX,2
    BAC:
     MOV AH,9H
     MOV DX, OFFSET NEWLINE
     INT 21H
     MOV AH,2H
     MOV DL, MSG+BX
     INT 21H
     INC BX
    LOOP BAC
ENDM
                  ;SHOW CHAR
STACK 64
.DATA
 NEWLINE DB 10,13 "$",
 MSG DB 10,?,10 DUP "$",("$")
.CODE
  MAIN PROC FAR
    MOV AX,@DATA
    MOV DS,AX
    GET
                   ; * CAL MACRO GET
               ; * CAL MACRO SHOWCHAR
    SHOWCHAR
  EXIT: MOV AX ,4C00H
 INT 21
MAIN ENDP
```

```
GET MACRO
  MOV AH, 0AH
  MOV DX,OFFSET MSG
  INT 21H
ENDM
                   ; * MACRO GET STRING
SPACE MACRO
  MOV AH,9H
  MOV DX, OFFSET NEWLINE
  INT 21H
ENDM
SHOWCHAR MACRO
    MOV Cl, MSG+1
    MOV BL,MSG+1
    MOV BH,0
    SPACE
    BAC:
      MOV AH,2H
      MOV DL, [MSG+1]+BX
     INT 21H
     DEC BX
      DEC CX
    JNZ BAC
ENDM
                     ;SHOW CHAR
STACK 64
.DATA
 NEWLINE DB 10,13 "$",
 MSG DB 10,?,10 DUP "$",("$")
.CODE
  MAIN PROC FAR
    MOV AX,@DATA
    MOV DS,AX
    GET
                    : * CAL MACRO GET
                    ; * CAL MACRO SHOWCHAR
    SHOWCHAR
 EXIT: MOV AX ,4C00H
 INT 21
MAIN ENDP
```