

PROGRAM

READ MACRO S

LEA DX,S

MOV AH,3FH

INT 21H

ENDM

DISPLAY MACRO MSG

LEA DX,MSG

MOV AH,09H

INT 21H

ENDM

.MODEL SMALL

.STACK

.DATA

MSG1 DB 0AH,0DH,"ENTER A STRING:\$"

MSG2 DB 0AH,0DH,"THE STRING WITHOUT VOWEL IS:\$"

MSG3 DB 0AH,0DH,"AEIOUaeiou\$"

STR1 DB 100 DUP("\$")

.CODE

START:

MOV AX,@DATA

MOV DS,AX

DISPLAY MSG1

READ STR1

DISPLAY MSG2

MOV DI,00H

MOV SI,00H

L1:

MOV AH,STR1[SI]

CMP MSG3[DI],AH

JE L2

INC DI

CMP MSG3[DI],'\$'

JE V

```

        LOOP L1
V:
        MOV AH,02H
        MOV DL,STR1[SI]
        INT 21H
        INC SI
        MOV DI,00H
        CMP STR1[SI],'$'
        JE STOP
        JMP L1
L2:
        INC SI
        MOV DI,00H
        CMP STR1[SI],'$'
        JE STOP
        JMP L1
STOP:
        MOV AH,4CH
        INT 21H
END START

```

OUTPUT

ENTER A STRING:ELEPHANT

THE STRING WITHOUT VOWEL IS:LPHNT