.model small

.data

phrase db 13,10,'Enter password: ',13,10,'$'

correct db 13,10,'Password is correct$'

incorrect db 13,10,'Entered password is wrong$'

pwd db 'password123'

.code

start: mov ax,@data

mov ds,ax

mov cl,0bh

lea bx,pwd

lea dx,phrase

mov ah,09

int 21h

l1: mov ah,08h

int 21h

cmp al,[bx]

jnz wrong

mov dl,2ah

mov ah,02

int 21h

inc bx

dec cl

jnz l1

lea dx,correct

mov ah,09

int 21h

jmp over

wrong: lea dx,incorrect

mov ah,09

int 21h

over: mov ah,4ch

int 21h

end start

