.8086

.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

