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CS401 Assignment 1 Solution Fall 2021

Solution

1st Step

mount c: c:\Assmsoft ENTER

2nd Step

C: ENTER

3rd Step

nasm VUID.asm -o VUID.com ENTER

4th Step

VUID.com ENTER

5th step

afd VUID.com ENTER

Source Code

```
[org 0x0100]
jmp start
num1: dw 1,9,0,2,0,2,4,4,0
```

start:

```
mov bx,0
mov ax,0
```

loop1:

```
mov ax,[num1+bx]
mov dx, [num1+bx+10]
mov [num1+bx+10],ax
```

```
mov [num1+bx],dx
```

```
add bx,2
cmp bx,8
jne loop1
```

```
mov AX,4C00h
```

```
int21h
```



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