

CSPC22- Lab Assignments

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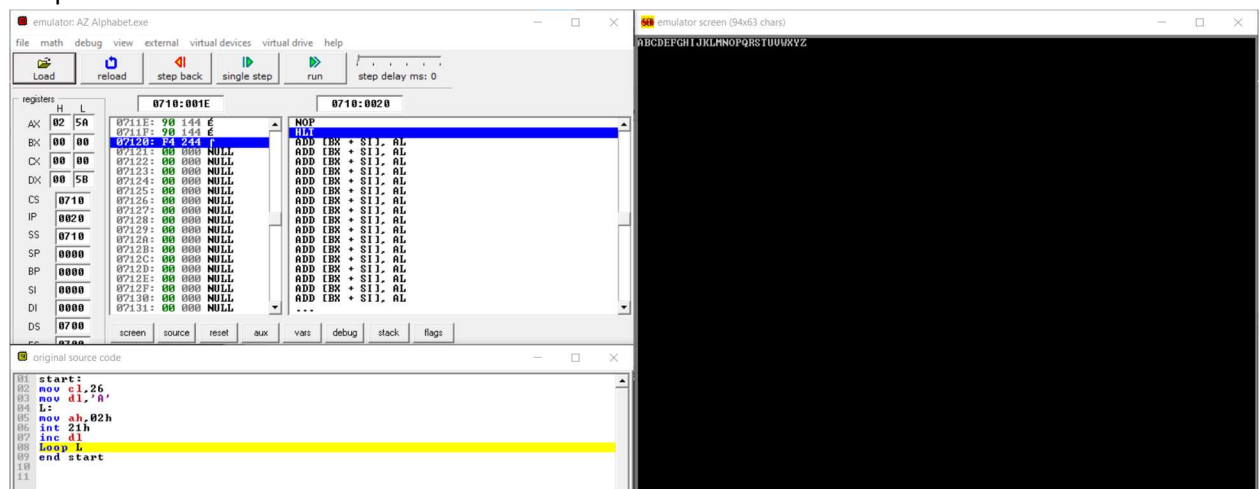
Lab – 1 (19-Jan-2022)

a. Display A-Z by alphabet

→ Code:

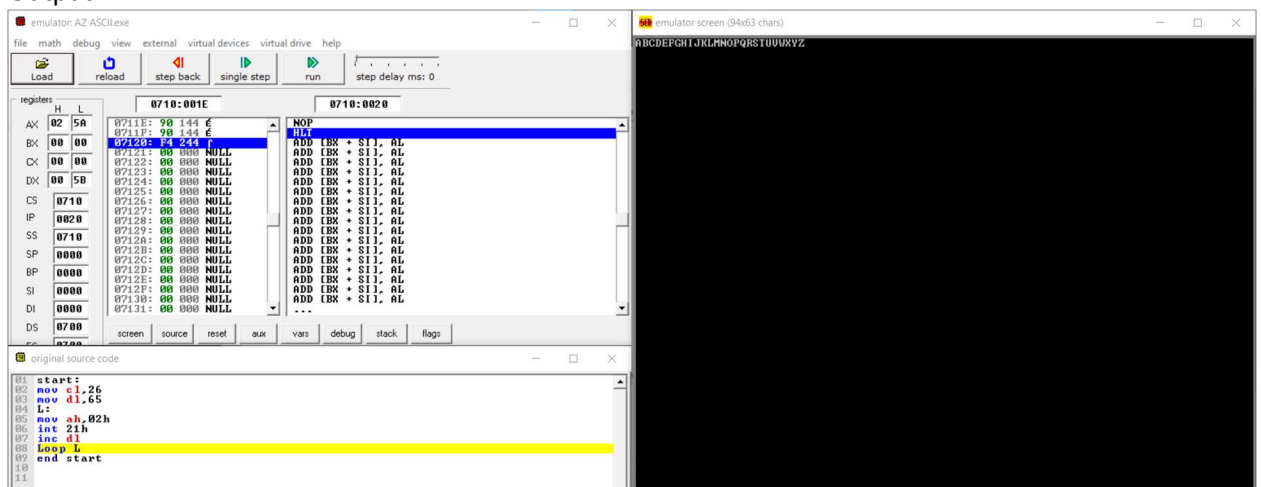
```
start:
mov cl,26
mov dl,'A'
L:
    mov ah,02h
    int 21h
    inc dl
    Loop L
end start
```

→ Output:



➔ Code:

➔ Output:

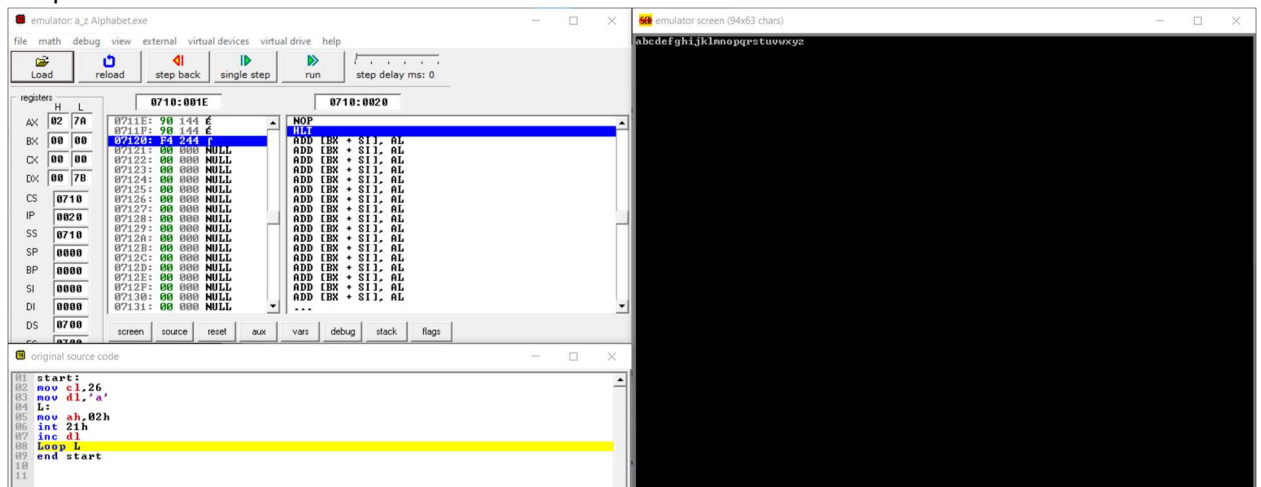


c. Display a-z by alphabet

→ Code:

```
start:
mov cl,26
mov dl,'a'
L:
    mov ah,02h
    int 21h
    inc dl
    Loop L
end start
```

→ Output:

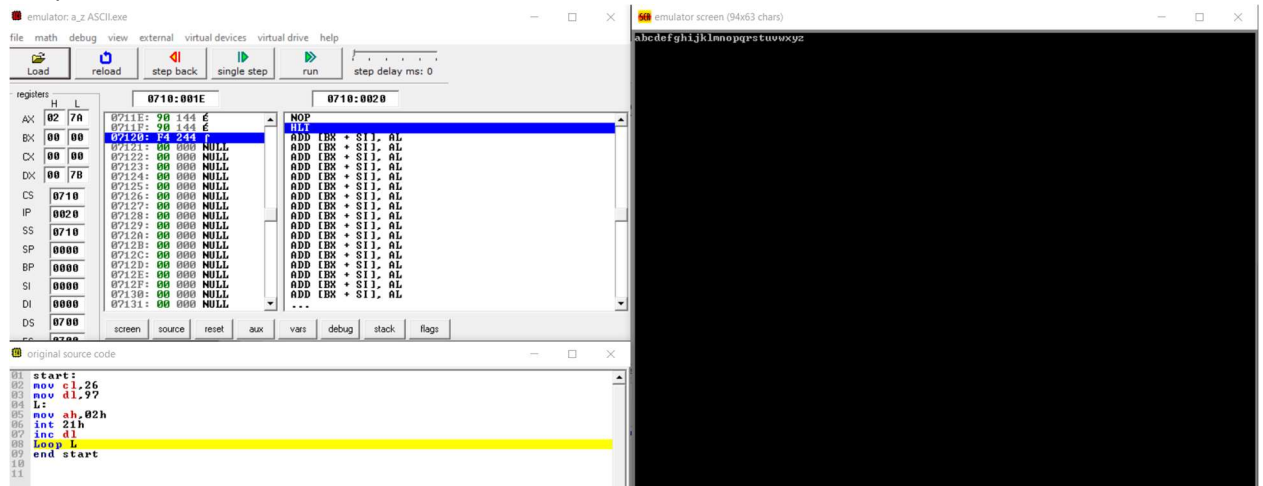


d. Display a-z by ASCII

→ Code:

```
start:
mov cl,26
mov dl,97
L:
    mov ah,02h
    int 21h
    inc dl
    Loop L
end start
```

→ Output:



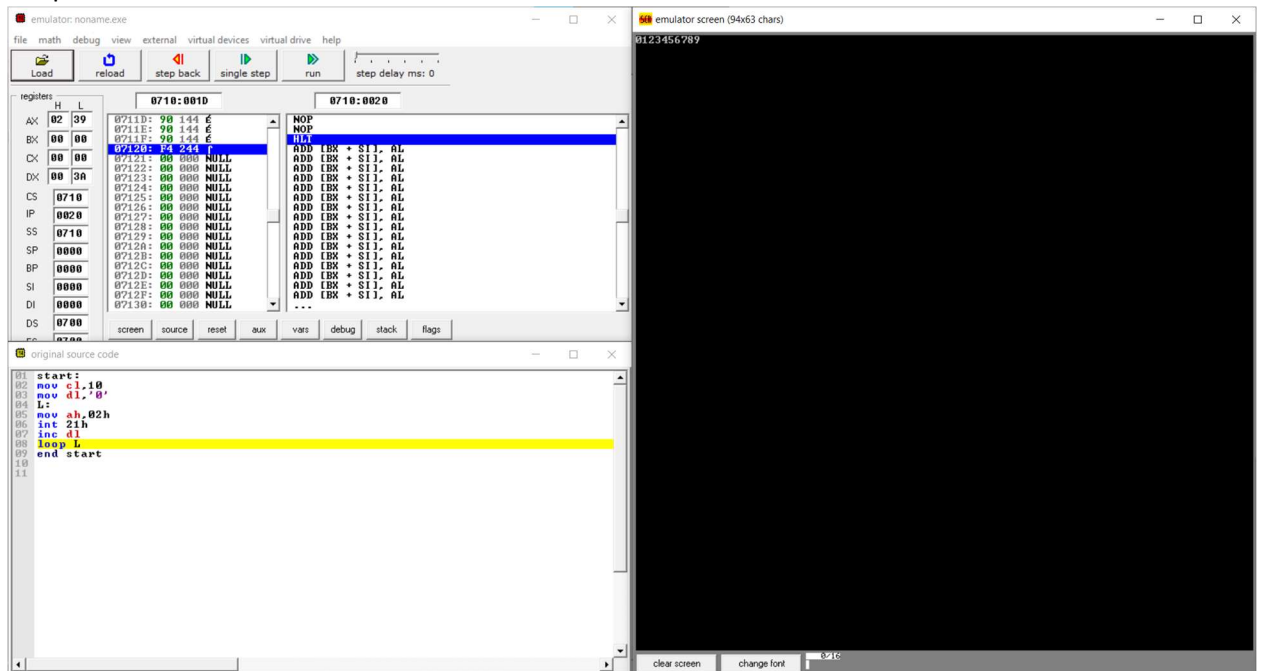
Lab – 2 (02-Feb -2022)

e. Display 0-9

→ Code:

```
start:
mov cl,10
mov dl,'0'
L:
    mov ah,02h
    int 21h
    inc dl
    loop L
end start
```

→ Output:

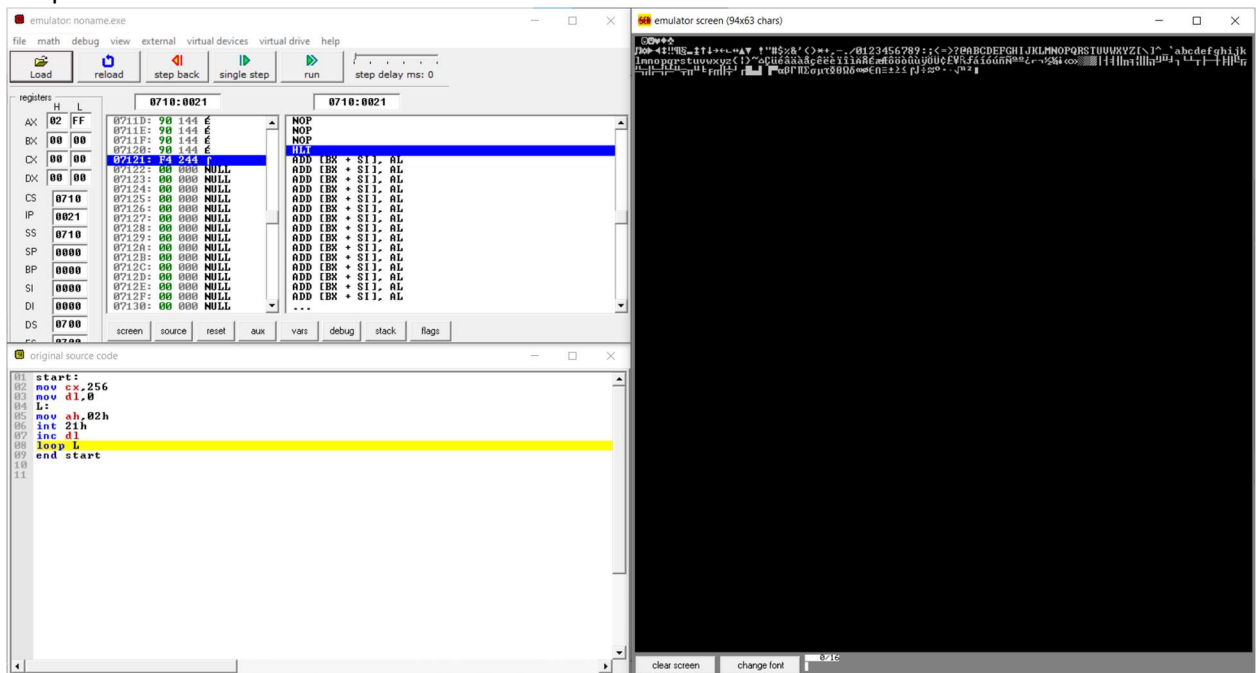


f. Display the ASCII table

→ Code:

```
start:
mov cx,256
mov dl,0
L:
    mov ah,02h
    int 21h
    inc dl
    loop L
end start
```

→ Output:



g. Display AaaBbbCcc...

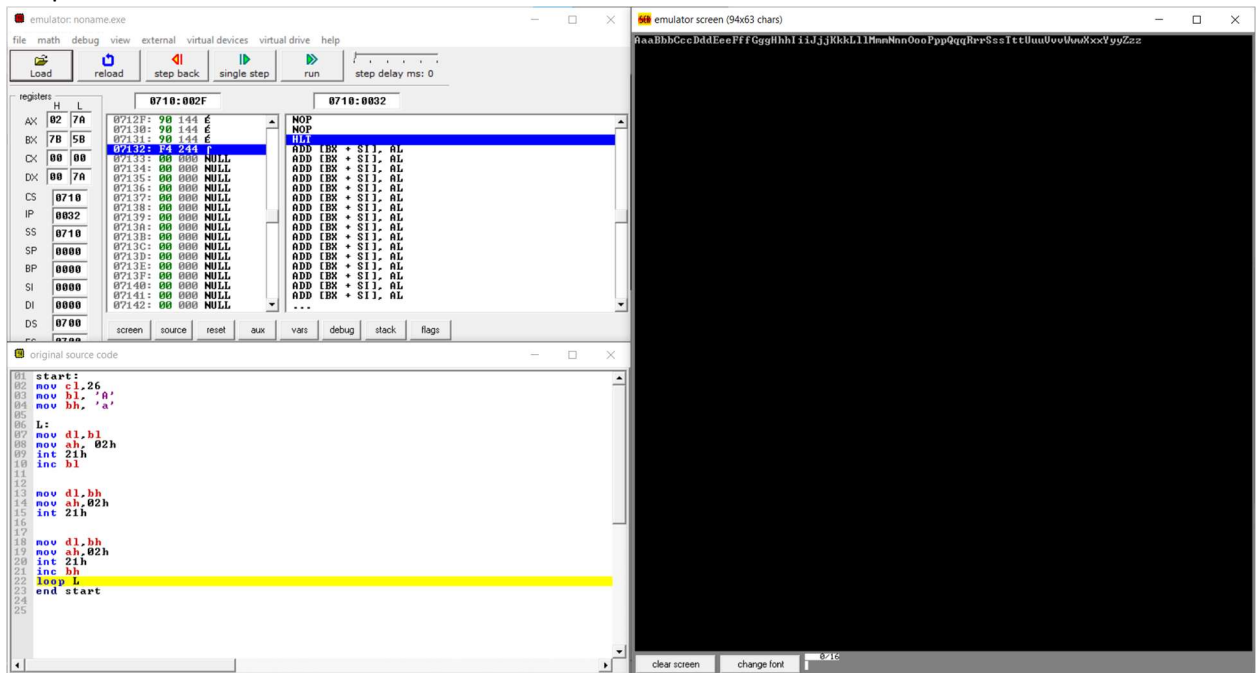
→ Code:

```
start:
mov cl,26
mov bl, 'A'
mov bh, 'a'
L:
    mov dl,bl
    mov ah, 02h
    int 21h
    inc bl

    mov dl,bh
    mov ah,02h
    int 21h

    mov dl,bh
    mov ah,02h
    int 21h
    inc bh
    loop L
end start
```

→ Output:



h. Display AbCdEf...

→ Code:

```
start:
mov cl,13,
mov bl,'A'
mov bh,'b'
L:
mov dl,bl
mov ah,02h
int 21h
inc bl
inc bl

mov dl,bh
mov ah,02h
int 21h
inc bh
inc bh
loop L
end start
```

→ Output:

