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AP22110011103

1. (a) Write a program in assembly language to print the numbers from 0 to 9.

org 100h

mov cx,10

mov dx,48

print\_num:

mov ah,02he

int 21h

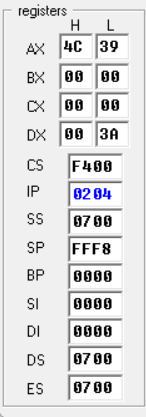
inc dx

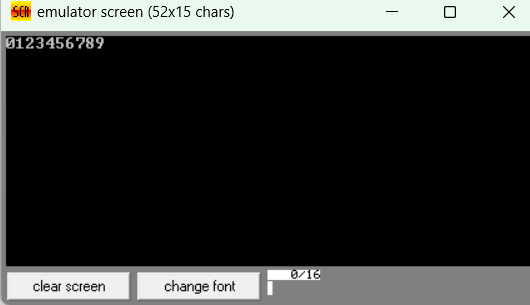
loop print\_num

mov ah,4Ch

int 21h

end





(b) Write an assembly language program to print the characters from A to Z in reverse order.

org 100h

mov cx,26

mov dx,90

print\_rev\_letter:

mov ah,02h

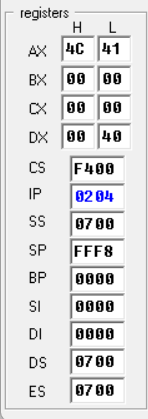
int 21h

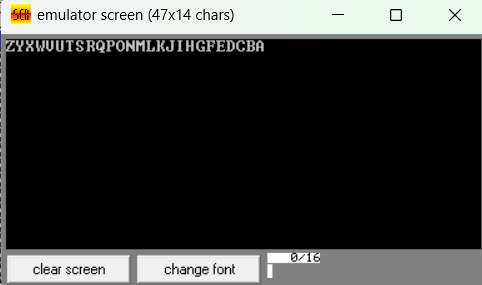
dec dx

loop print\_rev\_letter

mov ah,4Ch

int 21h





1. (a) Write a program in assembly language to print the numbers from 0 to 9 in reverse order.

org 100h

mov cx,10

mov dx,57

print\_rev\_digit:

mov ah,02h

int 21h

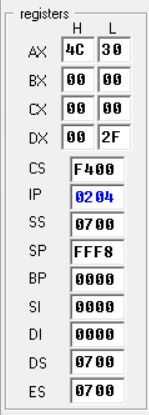
dec dx

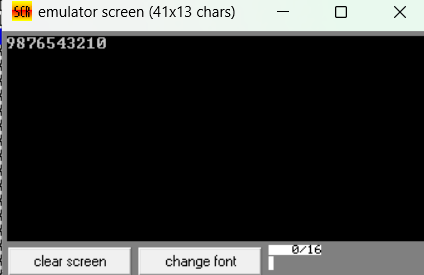
loop print\_rev\_digit

mov ah,4Ch

int 21h

end





(b) Write an assembly language program to print the characters from A to Z.

org 100h

mov cx,26

mov dx,65

print\_letter:

mov ah,02h

int 21h

inc dx

loop print\_letter

mov ah,4Ch

int 21h

end

