

**KIRAN SHAH (CSC-18F-181)**

**ASSEMBLY PROJECT REPORT**

**NUMBERS MULTIPLICATION**

**SUBMITTED TO : MISS SEHAR JUMANI**

**CODE:**

.model small

.stack 10h

.data

number db (?)

digit db 0,0,'$'

.code

mov ax,@data

mov ds,ax

mov ax,3

int 10h

mov ah,1

int 21h

mov bl,al

sub bl,30h

mov ah,2

mov dl,10

int 21h

mov dl,13

int 21h

mov ah,1

int 21h

mov number[0],al

sub number[0],30h

mov ch,0

mov cl,number[0]

mov al,bl

mov bl,0

balik:

add bl,al

loop balik

mov ah,2

mov dl,10

int 21h

mov dl,13

int 21h

mov bh,0

mov cx,bx

digit\_0:

cmp bl,0Ah

jl digit\_1

sub bl,0Ah

inc digit[0]

loop digit\_0

digit\_1:

mov digit[1],bl

add digit[1],30h

add digit[0],30h

mov ah,2

mov dl,digit[0]

int 21h

mov ah,2

mov dl,digit[1]

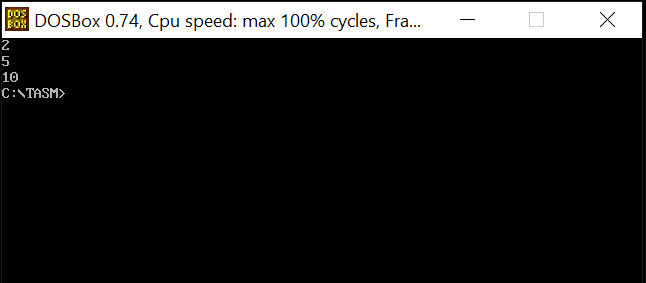
int 21h

mov ah,4ch

int 21h

end

**OUTPUT:**

****