**Assembly language Lab**

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Submitted by:

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181-15-11192

**1. Input String**

.MODEL SMALL

.STACK 100H

.DATA

.CODE

MAIN PROC

MOV DI,1000H

MOV AH,01H

STRINGinput:

INT 21H

CMP AL,0DH

JE END

MOV [DI],AL

INC DI

JMP STRINGinput

END:

MOV AH, 4CH

INT 21H

MAIN ENDP

END MAIN

**2. Take 3 input & print in 3 new lines**

.MODEL SMALL

.STACK 100H

.CODE

MAIN PROC

MOV AH,01

INT 21H

MOV BH,AL

MOV AH,01

INT 21H

MOV CH,AL

MOV AH,01

INT 21H

MOV DH,AL

MOV AH,02

MOV DL,13

INT 21H ;NEW LINE

MOV DL,10

INT 21H

MOV AH,02

MOV DL,13

INT 21H ;NEW LINE

MOV DL,10

INT 21H

MOV AH,02

MOV DL,BH

INT 21H

MOV AH,02

MOV DL,13

INT 21H ;NEW LINE

MOV DL,10

INT 21H

MOV AH,02

MOV DL,13

INT 21H ;NEW LINE

MOV DL,10

INT 21H

MOV AH,02

MOV DL,CH

INT 21H

MOV AH,02

MOV DL,13

INT 21H ;NEW LINE

MOV DL,10

INT 21H

MOV AH,02

MOV DL,13

INT 21H ;NEW LINE

MOV DL,10

INT 21H

MOV AH,02

MOV DL,DH

INT 21H

EXIT:

MOV AH,4CH

INT 21H

MAIN ENDP

END MAIN