

CSE-415

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1. Print String

Code:

```
org 100h

.MODEL SMALL

.STACK 100H

.DATA

STRING DB 'Microprocessor', '$'

.CODE

MAIN PROC FAR

    MOV AX,@DATA
    MOV DS,AX
    LEA DX,STRING
    MOV AH,09H
    INT 21H
    MOV AH,4CH
    INT 21H
MAIN ENDP

END MAIN

Ret
```

2.Series print

1+2+3+4+.....n

Code:

org 100h

.MODEL SMALL

.STACK

.DATA

I DB 1

ADDs DB ?

.CODE

MAIN PROC

MOV AX,@DATA

MOV DX,AX

MOV CX,5

MOV BX,0

SUM:

ADD BH,I

INC I

LOOP SUM

MOV ADDs,BH

MAIN ENDP

END MAIN

ret