

## COA LAB Exercise#3

Dated: 21 December 2010

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**REFERENCE:** Ch#6: Conditional Processing, Assembly Language for Intel Based Computer, by Kip R. Irvine.

### TASKS:

The sample code to input and display an integer is given below:

```
org 100h
.data
digit db 0

.code
;Ask for Input
mov ah,01
int 21h
mov ah,00h
mov bx, ax
sub bx,30h
mov digit,bx

;Print
mov dl, digit
add dl,30h
mov ah, 2h
int 21h
ret
```

1. Write a program that reads five unsigned integers from user and display sum of those five integers on the screen.
2. Write a program that takes two unsigned integers from user, compares them and displays the largest one on the screen.
3. Write a program that takes two unsigned integers from user, compares them and displays the smallest one on the screen.