

Practice If Statements (Dated: 04-04-2021)

Example: Input a number in range 1 to 5 and print number in English.

```
int n;
printf("Enter Number (1-5):");
scanf("%d",&n);
if (n==1)
    printf("One\n");
if (n==2)
    printf("Two\n");
if (n==3)
    printf("Three\n");
if (n==4)
    printf("Four\n");
if (n==5)
    printf("Five\n");
```

1. Consider above example and write programs using simple if statements: (you may write any number of if statements)
 - a. Input a number in range 1 to 5 and print number in English. If number is less than 1 or greater than 5, print message "Invalid Input".
 - b. Input a number in range 1 to 10 and print whether number is even or odd.
 - c. Input two numbers and print them in single line in ascending order. Consider examples:

N1: 43

N2: 27

Output: 27 43

N1: 24

N2: 27

Output: 24 27

- d. Input two numbers and print them with label "Larger Number" & "Smaller Number"

For example:

N1: 23

N2: 47

Larger Number: 47

Smaller Number: 23

- e. Input two sides of rectangle, compare them and print if they represent sides of square
 - f. Input a number in range 1 to 9 and print it's corresponding roman number. If number is less than 1 or greater than 5, print message "Invalid Input".

For example:

N: 3

Output: III

N: 8

Output: VIII