# Assignment – Day 4

**1.** Check for Palindrome in a string without using loop statement.          *[Marks: 2]*

**2.** Input a comma separated list from console. Write a program to print this list after removing all duplicate values with original order reserved          *[Marks: 4]*

**3.** Write a program that accepts sequence of lines as input and prints the lines after making all characters in the sentence capitalized. Suppose the following input is supplied to the program:

Hello world

Practice makes perfect

Then, the output should be:

HELLO WORLD

PRACTICE MAKES PERFECT          *[Marks: 3]*

**4.** Write a program to find palindromic numbers between 2 numbers
Hint: Palindromic number between 10 to 50 are 11, 22, 33, 44          *[Marks: 3]*

**5.** Given a list A and a number n, find the n'th largest number.
Example: If the input list is [5, 2, 1, 7, 4] and n is 3. The 3rd largest number is 4.

*[Marks: 2]*