**Task 1**

**Coding challenge**

( Complete the following coding challenge in any one programming language )

1. Swap the values of two variables without using any third variable ( the values of variable can be assigned in compile time )
2. Write a program to see whether all the parenthesis in a sentence is balanced or not ( the string should be taken in run time )
3. Write a program to check whether a number is even or odd using only the operators with highest precedence
4. Write a program to detect a loop in linked list
5. Write a program to eliminate all the small case letters from a string

Eg.  Input :- "GpIjRLjsSCzjfRIfPhT"

       output:- GIRLSCRIPT