Coding Assignment-7

Q1. **Program to check for balanced parenthesis in an expression**

Input: ((()))
Output: 1

Input: ()((
Output: -1

Q2. **Program to replace the substring of a given string with another string. The substring may be more than once in the string and you have to replace all.**

Input: String :   ram is a good boy
        Substring: is
        Replace String: was

Output: ram was a good boy

Q3. **Program to reverse all vowels in a given string.**

Input: hello india

Output: halli indoe

Q4. **Program to expand/decode a string as follows.**

Input: a2b4c3

Output: aabbbbccc

Q5. **Program to reverse every words in a sentence using recursion.**

Input: Kiit Deemed to be University

OutPut: tiiK deemed ot eb ytisrevinU