GIRLS' HIGH SCHOOL AND COLLEGE, PRAYAGRAJ

ASSIGNMENT - 03

SESSION 2020-2021

CLASS 10 C, D, E, F

SUBJECT: COMPUTER APPLICATIONS

Instructions: The parents to ensure that their ward watches the video instructions for the assignment by clicking on the given link: https://youtu.be/N3be5--k1-w . She should revise the lesson given in the book and then work on the assignment. The completed assignment is to be downloaded and filed/pasted in the subject file/copy and kept ready for submission. The day date and procedure of submission shall be notified later.

Reference Book: Logix Class 10 (Kips Publications)

TOPIC – STRINGS

Answer the following questions:

1. What is string?
2. What are the two ways of creating String?
3. What is the return type of:
    a. trim()
    b. equals()
    c. compareTo()
    d. substring()
    e. length()
4. State the values stored in variable str1 and str2:
    Strng s1 = "good";
    String s2 = "world matters";
    String str1 = s2.substring(5).replace('t','n');
    String str2 = s1.concat(str1);
5. Write a program to display the given patterns:
    a. S
        SC
        SCH
        SCHO
        SCHOO

SCHOOL
　　b. SCHOOL
　　　　SCHOO
　　　　SCHO
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　　　　S
6. Write a program to accept a String and display the number of vowels in it.
7. Write a program to input a String and check whether it is palindrome or not.
8. Write a program to accept a String and change the case of each letter of the String. Display the new String.
   Sample input: Java ProgRam
   Sample output: jAVA pROGrAM

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