KARTIK GULERIA 23DIT015

**Charotar University of Science and Technology**

IT267 – JAVA PROGRAMMING Practical 10:

**Aim**: You're tasked with creating a basic encryption algorithm for your college project. The first step involves manipulating a given string, "CHARUSAT UNIVERSITY". Calculate the number of characters in the string to understand its structure, Identify the target character: The character to be replaced is 'H'. Replace the target character: Substitute 'H' with the first letter of your name. For instance, if your name starts with 'A', replace 'H' with 'A'. and transform all characters to lowercase for consistency, and display the modified string.

CODE :

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| import java.util.\*; public class prac\_10  {  public static void main(String[] args) {  Scanner sc = new Scanner(System.in); String str = "CHARUSAT UNIVERSITY"; int length = str.length();  String newString = str.replace('H', 'V');  System.out.println("Your orignal String is : " + str);  System.out.println("Length : " + length);  System.out.println("Converted String is : " + newString.toLowerCase()); System.out.println("KARTIK GULERIA - 23DIT015"); sc.close();  }  } |

OUTPUT :

