**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:**

import java.util.\*;

import java.util.Scanner;

public class pr10 {

    public static void main(String[] args) {

        String str="CHARUSAT UNIVERSITY";

        String str1=str.replace('H','E');

        System.out.println("old string is:"+str);

        System.out.println("new string is:" +str1);

        System.out.println("23DIT044-Heli Patel");

    }

}

**OUTPUT:**

