**PRACTCAL-6**

**AIM:** Imagine you're tasked with creating a function that takes a string and a number. The goal is to repeat the first few characters of the string a specified number of times. If the string is shorter than the specified length, you should repeat whatever characters are available. How would you approach this problem?(function).

**CODE:**

import java.util.Scanner;

public class pr6 {

    public static void main(String[] args) {

        Scanner s = new Scanner(System.in);

        System.out.println("Enter the first string:");

        String str1 = s.nextLine();

        System.out.println("How many times do you want to repeat the first string?");

        int n1 = s.nextInt();

        s.nextLine();

        System.out.println("Enter the second string:");

        String str2 = s.nextLine();

        System.out.println("How many times do you want to repeat the second string?");

        int n2 = s.nextInt();

        s.nextLine();

        System.out.println("Enter the third string:");

        String str3 = s.nextLine();

        System.out.println("How many times do you want to repeat the third string?");

        int n3 = s.nextInt();

        s.nextLine();

        String res1 = wanttorepeat(str1, n1);

        System.out.println("Result for the first string: " + res1);

        String res2 = wanttorepeat(str2, n2);

        System.out.println("Result for the second string: " + res2);

        String res3 = wanttorepeat(str3, n3);

        System.out.println("Result for the third string: " + res3);

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

    }

    public static String wanttorepeat(String str, int n) {

        int r = 3;

        if (r > str.length()) {

            r = str.length();

        }

        String sc = str.substring(0, r);

        String res = "";

        for (int i = 0; i < n; i++) {

            res += sc;

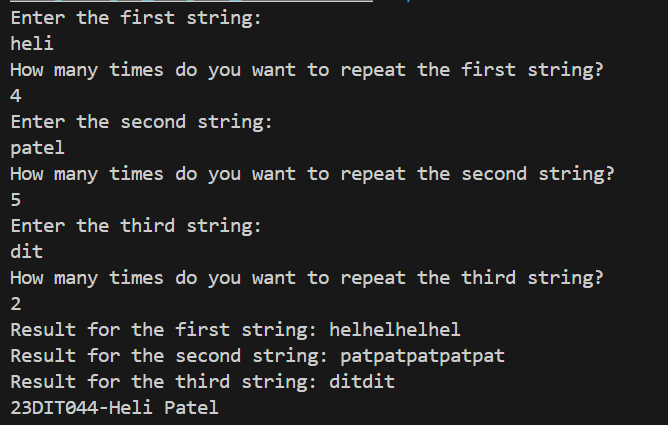
        }

        return res;

    }

}

**OUTPUT:**

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