Experiment - 5 Demonstrating Aring Manipulation in Jora. Various Aring Manipulation techniques.
The program should include string Consatuation, conversion to uppercase lower case, and extraction of substring It Should then display the results of these sperations. Arin !- To demonstrate various string maripulation techniques in Java, Such ers careaterotion conversion to appeal lower case and Rubstring extraction. and how to manipulate strings efficiently Program! public clase Stringtonited

public static void main (String 17 orge)? alting str = "Hello, Java Rogramming!"; String concot = str + " welcome to Tora!" int length a str. length ();

String upper Case - str. to Opper Case (); Oring lower case: str. to boor case (); Shing substring = str. substring (7,12); System. out. printle ("Concatenated string: "+concat); System. oot. prille ("Cough of string!" + string); System. out. printhe ("Oppercase", + Upper Case):
System. out. printhe ("Cowercase", + Cowercase);
System. out. printhe ("Substring (7,12):", + substring Trest case: Test case: 1 artest Name: Etring concatenation -> Expected regot: "Hello, Jova Programming!

Delcome to Java" - Acted result's "Hello Java pragramming! welcome to Sara". 7 Pars | Faill :- Pars. Trest case 12 + Test Name: Opper case Conversion t > Exput: "Hello", Tora programming 7 Expected result! "HELLO, JAVA PROGRAMM ENGI" of Actual result! "HELLO, JAVA PROGRAMMENG!" 7 Pars/Fail :- Poss.

Tist case :3 > Vest Nome :- Bubalring Entraction ? Expert: "Hello, Vora programming" > Expected result! "Java" - Actual result :- "Java" .7 Pars Faill :- Pass. Conclusion 1-Vici program demonstrates basic stilla operations in Java, Encluding string concolonation, Conversion to opportune & lowercase & substring extraction of holps in orderstanding how to perform Conmon string manipulation effectively. (0) (N)