**JAVA PROGRAM 1:**

**Write a java code to check whether one string is a rotation of another.**

public class RotationString {

public static boolean checkRotation(String st1, String st2) {

if (st1.length() != st2.length()) {

return false;

}

String st3 = st1 + st1;

if (st3.contains(st2))

return true;

else

return false;

}

public static void main(String[] args) {

String str1 = "avajava";

String str2 = "javaava";

System.out.println("Checking if a string is rotation of another");

if (checkRotation(str1, str2)) {

System.out.println("Yes " + str2 + " is rotation of " + str1);

} else {

System.out.println("No " + str2 + " is not rotation of " + str1);

}

}

}

**OUTPUT:**

