**Question 1:**

class StringManipulation {

public static void main(String args[]) {

String s1 = "Welcome ";

String s2 = "welcome ";

boolean isEqual = s1.equals(s2);

System.out.println(isEqual);

isEqual = s1.equalsIgnoreCase(s2);

System.out.println(isEqual);

int x = s1.compareTo(s2);

System.out.println(x);

x = s1.compareToIgnoreCase(s2);

System.out.println(x);

boolean b = s1.startsWith("AAA");

System.out.println(b);

b = s1.endsWith("AAA");

System.out.println(b);

x = s1.length();

System.out.println(x);

char x = s1.charAt(0);

System.out.println(x);

String s3 = s1 + s2;

System.out.println(s3);

String substring = s1.substring(1);

System.out.println(substring);

substring = s1.substring(1, 5);

System.out.println(substring);

s3 = s1.toLowerCase();

System.out.println(s3);

s3 = s1.toUpperCase();

System.out.println(s3);

s3 = s1.trim();

System.out.println(s3);

int x = s1.indexOf('e');

System.out.println(x);

x = s1.lastIndexOf("abc");

System.out.println(x);

}

}

