**Write a function that accepts a string input argument. The function needs to return the transformed string by replacing all occurrences of the character ‘a’ with the character ‘b’ and vice versa.**

**🡪**

**import java.util.Scanner;**

**public class Main {**

**public static String swapAandB(String input) {**

**StringBuilder transformedString = new StringBuilder();**

**for (char ch : input.toCharArray()) {**

**if (ch == 'a') {**

**transformedString.append('b');**

**} else if (ch == 'b') {**

**transformedString.append('a');**

**} else {**

**transformedString.append(ch);**

**}**

**}**

**return transformedString.toString();**

**}**

**public static void main(String[] args) {**

**Scanner scanner = new Scanner(System.in);**

**System.out.print("Enter a string: ");**

**String input = scanner.nextLine();**

**String result = swapAandB(input);**

**System.out.println("Transformed: " + result);**

**scanner.close();**

**}**

**}**