1. What is mutable String in java Explain with an example.

Ans .Once if we create a String on that String if we try to perform any operation and if those changes get reflected in the same object then such String are called “mutable String”.

EXAMPLE : StringBuffer , StringBuilder.

2. WAP to reverse a String

Input = “ PWSKILLS”

OUTPUT=”SLLKIWP”

Ans .

public class ReverseString {

public static void main(String[] args) {

// java to avaj part of mutable

// StringBuffer str = new StringBuffer("PWSKILLS");

// StringBuffer str2 = new StringBuffer("");

// for (int i = str.length() - 1; i >= 0; i--) {

// str2.append(str.charAt(i));

// }

// System.out.println(str2);

// immutavle

// case 1

// java to avaj part of immutable

// String str = "java";

// String str2 = "";

// for (int i = str.length() - 1; i >= 0; i--) {

// str2 = str2 + str.charAt(i);

// }

// System.out.println(str2);

3. WAP to reverse a sentence with preserving the position

Input: Think twice

Out: “knith eciwt”

ans. String str = "Think twice";

String str1 = "";

String arr[] = str.split(" ");

for (String n : arr) {

for (int i = n.length() - 1; i >= 0; i--) {

str1 = str1 + n.charAt(i);

}

str1 = str1 + " ";

}

System.out.println(str1);

}

}