Ans 4. A) public class StringConcatenate {

public static void main(String[] args) {

String str1 = "Hello ";

String str2 = "World!";

String result = str1 + str2;

System.out.println("Concatenated String: " + result);

}

}

b) public class StringReverse {

public static void main(String[] args) {

String str = "OpenAI";

String reversed = new StringBuilder(str).reverse().toString();

System.out.println("Original: " + str);

System.out.println("Reversed: " + reversed);

}

}

c) public class DeleteVowels {

public static void main(String[] args) {

String str = "Beautiful Day";

String noVowels = str.replaceAll("[AEIOUaeiou]", "");

System.out.println("Original: " + str);

System.out.println("Without Vowels: " + noVowels);

}

}

d) import java.util.Arrays;

public class SortStrings {

public static void main(String[] args) {

String arr[] = {"Banana", "Apple", "Orange", "Mango", "Peach"};

Arrays.sort(arr);

System.out.println("Strings in Alphabetical Order:");

for (String s : arr) {

System.out.println(s);

}

}

}

e) public class UpperToLower {

public static void main(String[] args) {

char ch = 'A';

char lower = Character.toLowerCase(ch);

System.out.println("Uppercase: " + ch);

System.out.println("Lowercase: " + lower);

}

}