1).

// Java program to reverse the order of vowels

import java.util.Scanner;

class GFG {

// utility function to check for vowel

static boolean isVowel(char c) {

return (c == 'a' || c == 'A' || c == 'e'

|| c == 'E' || c == 'i' || c == 'I'

|| c == 'o' || c == 'O' || c == 'u'

|| c == 'U');

}

// Function to reverse order of vowels

static String reverseVowel(String str1) {

int j = 0;

// Storing the vowels separately

char[] str = str1.toCharArray();

String vowel = "";

for (int i = 0; i < str.length; i++) {

if (isVowel(str[i])) {

j++;

vowel += str[i];

}

}

// Placing the vowels in the reverse

// order in the string

for (int i = 0; i < str.length; i++) {

if (isVowel(str[i])) {

str[i] = vowel.charAt(--j);

}

}

return String.valueOf(str);

}

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String str = sc.next();

System.out.println(reverseVowel(str));

}

}

2).

// Java program to reverse the order of consonant

import java.util.Scanner;

class consonante{

// utility function to check for vowel

static boolean isVowel(char c) {

return (c == 'a' || c == 'A' || c == 'e'

|| c == 'E' || c == 'i' || c == 'I'

|| c == 'o' || c == 'O' || c == 'u'

|| c == 'U');

}

// Function to reverse the order of consonant

static String reverseVowel(String str1) {

int j = 0;

// Storing the vowels separately

char[] str = str1.toCharArray();

String vowel = "";

for (int i = 0; i < str.length; i++) {

if (!isVowel(str[i])) {

j++;

vowel += str[i];

}

}

// Placing the consonant in the reverse

// order in the string

for (int i = 0; i < str.length; i++) {

if (!isVowel(str[i])) {

str[i] = vowel.charAt(--j);

}

}

return String.valueOf(str);

}

public static void main(String[] args) {

Scanner sc = new Scanner(System.in);

String str = sc.next();

System.out.println(reverseVowel(str));

}

}

3).

// Java program to print

// the sum of series

import java.io.\*;

import java.lang.\*;

class Sum\_Series

{

public static double sumOfSeries(double num)

{

double res = 0, fact = 1;

for (int i = 1; i <= num; i++)

{

// fact variable store

// factorial of the i

fact = fact \* i;

res = res + (i / fact);

}

return(res);

}

// Driver Code

public static void main (String[] args)

{

double n = 5;

System.out.println("Sum: " + sumOfSeries(n));

}

}