Write a program that accepts a string from user and displays the same string after removing vowels from it.

CODE:

import java.util.Scanner;

public class RemoveVowels {

public static void main(String[] args) {

Scanner scanner = new Scanner(System.in);

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

String inputString = scanner.nextLine();

String stringWithoutVowels = removeVowels(inputString);

System.out.println("String without vowels: " + stringWithoutVowels);

scanner.close();

}

public static String removeVowels(String inputString) {

// Define a string to store the result without vowels

StringBuilder result = new StringBuilder();

// Iterate through each character of the input string

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

char ch = inputString.charAt(i);

// Check if the character is not a vowel (both uppercase and lowercase)

if (!(ch == 'a' || ch == 'e' || ch == 'i' || ch == 'o' || ch == 'u' ||

ch == 'A' || ch == 'E' || ch == 'I' || ch == 'O' || ch == 'U')) {

// Append the character to the result if it's not a vowel

result.append(ch);

}

}

// Convert the StringBuilder to a string and return

return result.toString();

}

}

OUTPUT:

C:\javap>javac RemoveVowels.java

C:\javap>java RemoveVowels

Enter a string: Saveetha

String without vowels: Svth

