//VowelsConsonants

class welcome {

public static void VowelsConsonants(String a) {

int Vcount=0;

int Ccount=0;

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

if(a.charAt(i)=='a' || a.charAt(i)=='e' || a.charAt(i)=='i' || a.charAt(i)=='o'

|| a.charAt(i)=='u' || a.charAt(i)=='A' || a.charAt(i)=='E' || a.charAt(i)=='I'

|| a.charAt(i)=='O' || a.charAt(i)=='U') {

Vcount++;

}

else {

Ccount++;

}

}

System.***out***.println(Vcount);

System.***out***.println(Ccount);

}

public static void main(String[] args) {

*VowelsConsonants*("butterfly");

}

}

//Reverse a string

class welcome {

public static void Reverse(String a) {

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

System.***out***.print(a.charAt(i));

}

}

public static void main(String[] args) {

*Reverse*("butterfly");

}

}

//String Palindrome

package basics;

import java.util.\*;

class welcome {

public static void Palindrome(String a) {

int len=a.length();

boolean found=true;

for(int i=0;i<len/2;i++) {

if(a.charAt(i)!=a.charAt(len-i-1)) {

found=false;

System.***out***.println("Not a palindrome");

break;

}

}

if(found==true) {

System.***out***.println("It is a palindrome");

}

}

public static void main(String[] args) {

*Palindrome*("madam");

}

}

//Comparing two strings

class welcome {

public static void Comparison(String a,String b) {

if(a.equals(b)) {

System.***out***.println("Strings are equal");

}

else {

System.***out***.println("Not equal");

}

}

public static void main(String[] args) {

*Comparison*("aafiya","aafiya");

}

}

//Concatenation of two string without using + operator

class welcome {

public static void Comparison(String a,String b) {

StringBuilder list=new StringBuilder();

list.append(a);

list.append(b);

System.***out***.println(list);

}

public static void main(String[] args) {

*Comparison*("aafiya","farheen");

}

}

//Converting to Lowercase and Uppercase

class welcome {

public static void UpperLower(String a) {

if(a.equals(a.toUpperCase())) {

System.***out***.println(a.toLowerCase());

}

else {

System.***out***.println(a.toUpperCase());

}

}

public static void main(String[] args) {

*UpperLower*("aafiya");

*UpperLower*("AMAZING");

}

}