1-String

package NewPackage;

import java.util.ArrayList;

public class StringVow {

public static void main(String[] args) {

int flag = 0, count = 0;

ArrayList<Character> alpha = new ArrayList<Character>();

ArrayList<Character> alpha2 = new ArrayList<Character>();

String s = new String("vikas");

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

if (s.charAt(i) == 'a' || s.charAt(i) == 'e' || s.charAt(i) == 'i' || s.charAt(i) == 'o'|| s.charAt(i) == 'u' || s.charAt(i) == 'A' || s.charAt(i) == 'E' || s.charAt(i) == 'I'|| s.charAt(i) == 'O' || s.charAt(i) == 'U')

{

flag++;

char k1 = s.charAt(i);

alpha.add(k1);

} else

{

count++;

char k2 = s.charAt(i);

alpha2.add(k2);

}

}

System.***out***.println("Vowels are: " + flag + " and consonants are: " + count);

System.***out***.println("\nvowels are: ");

for (int i = 0; i < alpha.size(); i++) {

System.***out***.print(alpha.get(i) + " ");

}

System.***out***.println("\nConsonants are: ");

for (int i = 0; i < alpha2.size(); i++) {

System.***out***.print(alpha2.get(i) + " ");

}

}

}

Output:

Vowels are: 2 and consonants are: 3

vowels are:

i a

Consonants are:

v k s