1. **Write a Program to print the alternative characters in a given String input?**

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

int n=s.length();

for(int i=0;i<n;i=i+2)

{

System.out.print(s.charAt(i));

}

}

}

2.Write a Program to print the alternative vowels in a given string?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

int n=s.length();

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

char ch=s.charAt(i);

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

{

System.out.print(ch);

}

else

{

System.out.print(" ");

}

}

}

}

3. Write a program to print the biggest / longest word in a given String?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String a[]=s.split(" ");

int max=a[0].length();

String h="";

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

{

if(a[i].length()>max)

{

max=a[i].length();

h=a[i];

}

else

{

System.out.print(" ");

}

}

System.out.print(h);

}

}

4.Write a Program to print the ASCII key values of a given String characters?

import java.util.\*;

public class Main

{

public static void main (String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.next();

int n=s.length();

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

{

char ch=s.charAt(i);

System.out.println("Ascii value of " +ch+ " is-" +(int)ch);

}

}

}

5. Write a Program to print the index of a given character in a given string?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

char ch=sc.next().charAt(0);

int k=s.indexOf(ch);

System.out.print(k);

}

}

6.Write a Program to print the last index of a given character in a given string?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

char ch=sc.next().charAt(0);

int k=s.lastIndexOf(ch);

System.out.print(k);

}

}

7.Write a Program to print the all the index’s of a given character in a given string?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

char ch=sc.next().charAt(0);

int k=s.indexOf(ch);

while(k>0)//2>0

{

System.out.print(k);//1

k=s.indexOf(ch,k+1);//r,2

}

}

}

8.Write a Program to print the given input in lowercase and uppercase?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

s=s.toUpperCase();

String k=s.toLowerCase();

System.out.println(s);

System.out.println(k);

}

}

9.Write a Program to print the string value from certain index to the end of the given String?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

int k=sc.nextInt();

System.out.print(s.substring(k));

}

}

10.Write a Program to print the String value from certain index to certain index of a given string?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

int k=sc.nextInt();

int t=sc.nextInt();

System.out.print(s.substring(k,t));

}

}

11.Write a Program to store the given String in character array and then print that character array?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

char a[]=s.toCharArray();

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

{

System.out.println(a[i]);

}

}

}

12.Write a Program to check the given character/String in a another given String?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String t=sc.next();

System.out.print(s.contains(t));

}

}

13.Write a Program to replace the all comma’s by space in a given string?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

System.out.print(s.replace(","," "));

}

}

14.Write a Program to replace the one word by another word in a given string?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

System.out.print(s.replace(sc.next(),sc.next()));

}}

15.Write a Program to split the given String into individual words?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String a[]=s.split(" ");

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

{

System.out.println(a[i]);

}

}

}

16.Write a Program to understand the use of the trim method in strings?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

s=s.trim();

System.out.print(s); }}

17.Write a Program to understand that where we have to use == and equals Method in strings?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String t=sc.nextLine();

System.out.println(s==t);//it checks both address and and content op is false.

19.Write a Program to check which is first word in dictionary order of given two words?

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String a[]=s.split(" ");

String c=a[0];

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

{

if(a[i].compareToIgnoreCase(c)<0)

{

c=a[i];

}

}

System.out.print(c); }}

20.Write a Program to check which is first word in dictionary order of given two words by ignoring Case?

import java.util.\*;

public class Main

{

public static void main(String[] args) {

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String a[]=s.split(" ");

String c=a[0];

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

{

if(a[i].compareToIgnoreCase(c)<0)

{

c=a[i];

}

}

System.out.print(c);

}

}

System.out.println(s.equals(t));// it checks only content op is true.

}

}

18.Write a Program to understand equalsIgnoreCase method in strings?

import java.util.\*;

public class Main

{

public static void main(String[] args)

{

Scanner sc=new Scanner(System.in);

String s=sc.nextLine();

String t=sc.nextLine();

System.out.println(s==t);

System.out.println(s.equalsIgnoreCase(t));

}

}