1)simple java program.

import java.util.\*;

public class dot

{

static void dot()

{

String s1="java";

char ch[]={'s','t','r','i','n','g','s'};

String s2=new String(ch);

String s3=new String("example");

String name;

Scanner sc =new Scanner(System.in);

System.out.println("Enter name");

name=sc.nextLine();

System.out.println(s1);

System.out.println(s2);

System.out.println(s3);

System.out.println(name);

}

public static void main(String args[])

{

dot();

}

}

2) // no of vowel and no of constant

import java.util.\*;

class cons

{

static String cons()

{

int vCount=0, cCount=0;

String str="this is really simple sentence";

str = str.toLowerCase();

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

{

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

vCount++;

}

else if(str.charAt(i)>='a' && str.charAt(i)<='z'){

cCount++;

}

}

return "number of vowels:"+vCount+ " \n number of constant"+cCount;

}

public static void main(String[] args)

{

String s1=cons();

System.out.println(s1);

}

}

3)count string

import java.util.\*;

class COUNT1

{

static String COUNT()

{

String str = "I am girl";

int count=0;

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

{

if(str.charAt(i) !=' ')

count++;

}

return("total number of character in a string "+count);

}

public static void main(String[] args)

{

String s1= COUNT();

System.out.println(s1);

}

}

4)java simple program

import java.util.\*;

public class simple

{

static String simple()

{

Scanner sc=new Scanner(System.in);

System.out.println("enter your name");

String name=sc.next();

String s1="java";

char ch[]={'s','t','r','i','n','g','s'};

String s2=new String(ch);

String s3=new String("example");

return "hello,"+name+"!s1:"+s1+",s2:"+s2+",s3:"+s3;

}

public static void main(String []args)

{

String s1=simple();

System.out.println(" "+s1);

}

}

5)swap values using third variable

import java.util.\*;

public class swap

{

public static void main(String[]args)

{

int m=9,n=5;

int[]a=new int[2];

a=swapValuesUsingThirdVariable(m,n);

System.out.println("a="+a[0]+"b="+a[1]);

}

static int[]

swapValuesUsingThirdVariable(int m,int n)

{

int temp=m;

m=n;

n=temp;

int []a=new int[2];

a[0]=m;

a[1]=n;

return a;

}

}

6) print all character from given string.

import java.util.\*;

public class charAtExample

{

static void charAtExample()

{

String str;

Scanner sc=new Scanner(System.in);

System.out.println("enter String");

str=sc.next();

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

{

System.out.println("char at "+i+" place "+str.charAt(i));

}

}

public static void main (String[] args)

{

charAtExample();

}

}

7) Join String example

import java.util.\*;

class joinExamle

{

static void StringJoin()

{

String joinString1 = String.join("-","welcome","to","javascript");

System.out.println(joinString1);

}

public static void main(String[] args)

{

StringJoin();

}

}

8)Accept string from user and count no of vowels present in a given string.

import java.util.\*;

public class vowel

{

static void vowel()

{

String str;

char ch;

int cnt=0;

Scanner sc=new Scanner(System.in);

System.out.println("Enter String");

str=sc.next();

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

{

ch=str.charAt(i);

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

{

cnt++;

}

System.out.println("Total vowel"+cnt);

}

}

public static void main(String[]args)

{

vowel();

}

}

9)enter vaid email address in the string.

import java.util.\*;

public class email

{

static String email(String str)

{

int count=0;

for(int i=0;i<str.length()-1;i++)

{

char ch=str.charAt(i);

if(ch==".")

{

count++;

}

else if(ch=='@')

{

count++;

}

}

if((count1||count==2)&&(count==1))

return "valid email";

else

return"invalid email";

}

public static void main (String[] args)

{

String =email(string str);

}

}

10)count total no of digit given string.

import java.util.\*;

public class digit

{

static void digit()

{

String str; char ch; int Cnt=0;

Scanner sc=new Scanner(System.in);

System.out.println("enter String");

str=sc.nextLine();

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

{

ch=str.charAt(i);

if(ch>='0' && ch<='9')

Cnt++;

}

System.out.println("total count:"+Cnt);

}

public static void main(String []args)

{

digit();

}

}