SE IT –A roll no-37

1)java rogram to count vowels,consonents,digits,spaces and special symbol

import java.util.\*;

class stringdemo

{

public static void main(String args[])

{

String str="welcome to java programming $$ 301 4";

String s=str.toLowerCase();

int i;

int vowels=0,consonents=0, digits=0,spaces=0,special=0;

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

{

char ch=s.charAt(i);

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

{ ++vowels;}

else if(ch>='a' && ch<='z')

{++consonents;}

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

{++digits;}

else if(ch==' ')

{++spaces;}

else

{++special;}

}

System.out.println("number of vowels are :"+vowels);

System.out.println("number of consonents are:"+consonents);

System.out.println("number of digits are :"+digits);

System.out.println("number of spaces are :"+spaces);

System.out.println("number of special symbol are :"+special);

}

}

