```java
import java.util.*;
class Main{
    public static void main(String[] args){
        Scanner scan= new Scanner(System.in);
        String str=scan.nextLine();
        StringBuffer sb;
        String[] sarr = str.split(" ");
        String result1="";
        String result2="";
        int count=0;
        for(int i=0;i<sarr.length;i++){
            if(sarr[i].trim().length() > 0){
                result1=result1+sarr[i]+" ";
                sb = new StringBuffer(sarr[i]);
                sb.reverse();
                result2=result2+sb+" ";
                count++;
            }
        }
        result1=result1.trim();
        result2=result2.trim();

        System.out.println("Message after removing extra spaces:\""+result1+"\"");
        System.out.println("Message with each word reversed:\""+result2+"\"");
        System.out.println("Word count:"+count);
    }
}
```

our code here

Java (11)

```java
// You are using Java
import java.util.*;
import java.io.*;
class Main{
    public static void main(String[] args){
        Scanner scan=new Scanner(System.in);
        int m=scan.nextInt();
        scan.nextLine();
        String[] str=new String[m];
        for (int i =0;i<m;i++){
            str[i]=scan.nextLine();
        }
        String startStr=scan.nextLine();
        int len=scan.nextInt();
        scan.nextLine();
        String searchStr=scan.nextLine();
        for(String data: str){
            System.out.println("Word:"+data);
            System.out.println("Starts with '"+startStr+"':"+data.startsWith(startStr));
            System.out.println("Length greater than "+len+":"+(data.length()>len));
            System.out.println("Contains '"+searchStr+"':"+(data.indexOf(searchStr)>-1));
        }
    }
}
```

Fill your code here

Java (11)

```java
// You are using Java
import java.util.*;
class Main{
    public static void main(String[] args){
        Scanner scan= new Scanner(System.in);
        int n=scan.nextInt();
        scan.nextLine();
        for (int i=0;i<n;i++){
            String  s1=scan.nextLine();
            int len =s1.length();
            String start=s1.charAt(0)+"";
            String end=s1.charAt(len-1)+"";

            String upr=s1.toUpperCase();
            String punct=".,?,!";
            String vowel="a,e,i,o,u";
            String dgts="0123456789";

            boolean valid=false;
            boolean up,pm,vl,no;
            up=pm=vl=no=false;
            if(upr.indexOf(start)>-1){
                up=true;
            }
            if(punct.indexOf(end)>-1){
                pm=true;
```

```
            pm=true;
        }
        for(int j=0;j<len;j++){
            char ch;
            ch=s1.charAt(j);
            if(dgts.indexOf(ch)==-1){
                no=true;
            }
        }
        for(int j=0;j<len;j++){
            char ch;
            ch=s1.charAt(j);
            if(vowel.indexOf(ch)>-1){
                vl=true;
            }
        }
        if(up && pm && vl && no){
            valid=true;
        }
        if(valid){
            System.out.println("Sentence: "+s1+" - "+ "Valid");
        }
        else{
            System.out.println("Sentence: "+s1+" - "+ "Invalid");
        }
    }

}
```

Fill your code here

Java (11)

```java
// You are using Java
import java.util.*;
class Main{
    public static void main(String[] args){
        Scanner scan=new Scanner(System.in);
        String password=scan.nextLine();
        boolean uppercase,lowercase,digit,space,specialchar;
        int size=password.length();
        boolean valid=true;
        char ch;
        if (size<8 || size>15)
            valid=false;
        else{
            uppercase=lowercase=digit=specialchar=space=false;
            for(int i = 0;i<password.length();i++){
                ch=password.charAt(i);
                if(Character.isUpperCase(ch)){
                    uppercase = true;}
                else if(Character.isLowerCase(ch)){
                    lowercase = true;}
                else if(Character.isDigit(ch)){
                    digit = true;}
                else if(Character.isSpace(ch)){
                    space = true;}
                else
                    {specialchar = true;}
```

```
                uppercase = true;}
            else if(Character.isLowerCase(ch)){
                lowercase = true;}
            else if(Character.isDigit(ch)){
                digit = true;}
            else if(Character.isSpace(ch)){
                space = true;}
            else
                {specialchar = true;}
            if(uppercase && lowercase && digit && !space && specialchar){
                valid = true;
            }
            else{
                valid = false;
            }
        }
    }

    if(valid){
        System.out.println(password+" is a valid password");
        }
    else{
        System.out.println(password+" is a invalid password");
        }
}
}
```

Fill your code here

```java
// You are using Java
import java.util.*;
class Main{
    public static void main(String[] args){
        Scanner scan=new Scanner(System.in);
        String str = scan.nextLine();
        String[] sarr = str.split(",");
        System.out.println("Venue Details:");
        System.out.println("Venue Name: "+sarr[0]);
        System.out.println("City Name: "+sarr[1]);
    }
}
```

Fill your code here

```java
// You are using Java
import java.util.*;
class Main{
    public static void main(String[] args){
        Scanner scan=new Scanner(System.in);
        String str=scan.nextLine();
        HashSet<Character> set = new HashSet<>();
        //char ch;
        for(int i = 0;i<str.length();i++){
            //ch = str.charAt(i);
            set.add(str.charAt(i));
        }
        System.out.println(set.size());
    }
}
```