1. Wite a code to input string from terminal window. Use Substrings.

e.g.

> Input String: Java programming is easy

Output should be:

Java  
programming  
is  
easy

**Solution:**

**import** java.util.Scanner;

**public** **class** Practice {

**public** **static** **void** main(String[] args)

{

Scanner scan = **new** Scanner(System.***in***);

System.***out***.println("Enter string");

String sc = scan.nextLine();

System.***out***.println(sc);

String[] SplittedString = sc.split("\\s+");

System.***out***.println(SplittedString);

**int** n = SplittedString.length;

**int** i=0;

**while**(i<n)

{

System.***out***.println(SplittedString[i]);

i++;

}

System.***out***.println(n);

}

}

3. Write a code to check if the string, word or number input from terminal is palindrome.

**import** java.util.Scanner;

**public** **class** Practice {

**public** **static** **void** main(String[] args)

{

Scanner scan = **new** Scanner(System.***in***);

System.***out***.println("Enter string");

String n = scan.nextLine();

//System.out.println(sc);

String reverse="";

**for**(**int** i=n.length()-1;i>=0;i--)

{

reverse = reverse+n.charAt(i);

}

**if**(reverse.equals(n))

System.***out***.println(n + " is a palindrome.");

**else**

System.***out***.println(n+ " is not a palindrome");

scan.close();

}

}

4. Write a code to input strings from terminal. One string at a time. All strings should be stored in array list. Output should be sorted strings.

**import** java.util.Scanner;

**public** **class** Practice {

**public** **static** **void** main(String[] args)

{

Scanner scan = **new** Scanner(System.***in***);

ArrayList<String> obj = **new** ArrayList<String>();

//char a;

System.***out***.println("How many words do want to enter : ");

**for**(**int** i = scan.nextInt(); i > 0 ; i--){

String n = scan.next();

obj.add(n);

}

Collections.*sort*(obj);

System.***out***.println(obj);

} }