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\* file : stringTokenizerDemo.java

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\* description : Program that reads a line of integers and then display each integer and sum of all

integers

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PROGRAM

import java.util.StringTokenizer;

import java.util.Scanner;

public class stringTokenizerDemo {

public static void main(String[] args) {

int Sum=0;

Scanner sc=new Scanner(System.in);

System.out.println("Enter the string you want to input :");

String input=sc.nextLine();

StringTokenizer str=new StringTokenizer(input);

int noOfTokens=str.countTokens();

System.out.println("Number of Tokens Are :"+ noOfTokens);

while(str.hasMoreTokens()) {

int number=Integer.parseInt(str.nextToken());

Sum=Sum+number;

}

System.out.println("Sum of "+noOfTokens+" Tokens are : "+Sum);

}

}

OUTPUT

Enter the string you want to input :1 2 3 4 5 6

Number of Tokens are :6

Sum of 6 Tokens are : 21