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| Write a Java Program to find the largest and smallest word in a string. |
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|  | package sor; |
|  | import java.io.BufferedReader; |
|  | import java.io.InputStreamReader; |
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|  |  |
|  | public class LargestAndSmallestWord { |
|  | static void printLargestAndSmallestWord(String str){ |
|  | String[] arr=str.split(" "); |
|  | int i=0; |
|  | int maxlength,minlength; |
|  | maxlength=Integer.MIN\_VALUE; |
|  | minlength=Integer.MAX\_VALUE; |
|  | String largest,smallest; |
|  | largest = smallest = ""; |
|  | for(i=0;i<arr.length;i++){ |
|  | if(arr[i].length() < minlength){ |
|  | smallest=arr[i]; |
|  | minlength=arr[i].length(); |
|  | } |
|  | if(arr[i].length() > maxlength) { |
|  | largest=arr[i]; |
|  | maxlength=arr[i].length(); |
|  | } |
|  | } |
|  | System.out.println("The largest and smallest word is \"" + largest + |
|  | "\" and \"" + smallest + "\""); |
|  | } |
|  | public static void main(String[] args) { |
|  | BufferedReader br = new BufferedReader(new InputStreamReader(System.in)); |
|  | System.out.println("Enter the text string"); |
|  | String str; |
|  | try{ |
|  | str=br.readLine(); |
|  | } |
|  | catch(Exception e){ |
|  | System.out.println("Error reading input"); |
|  | return; |
|  | } |
|  | printLargestAndSmallestWord(str); |
|  | } |
|  | } |