package com.company;

import java.util.Scanner;

public class Main {

void shortAndLongWord(String str)

{

if (str == null)

return;

String sw="",lw="";

int s=str.length(),l=0;

String words[]=str.split(" ");

for(String word:words)

{

if(word.length()<s)

{

sw=word;

s = word.length();

}

if(word.length()>l)

{

lw=word;

l = word.length();

}

}

System.out.println("LONGEST WORD : "+lw);

System.out.println("SHORTEST WORD : "+sw);

}

public static void main(String[] args) {

Scanner scr=new Scanner(System.in);

Main obj=new Main();

System.out.printf("Enter a line to get shortest and longest word:");

String str=scr.nextLine();

str+=" ";

obj.shortAndLongWord(str);

}

}