Data Structures and Algo in Java - Day 30

Starting Strings !

public class day30

{

// STRINGS here i come !!

public static void main(String[] args)

{

// String s = "(()())(())(()(()))"; // - ()() , () , ()(())

// String ans = removeOuterParantheses(s);

// System.out.println(ans);

String s = "the sky is blue";

String ans = reverseWords(s);

System.out.println(ans);

}

public static String removeOuterParantheses(String s)

{

StringBuilder result = new StringBuilder();// to store the Output // 2.( // 3.()

int level = 0;

for(char c : s.toCharArray())

{

if(c=='(')

{

if(level>0)

{

result.append(c);

}

level++;

}

else

{

level--;

if(level>0)

{

result.append(c);

}

}

}

return result.toString();

}

public static String reverseWords(String s)

{

s.trim();

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

StringBuilder result = new StringBuilder();

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

{

result.append(words[i]);

if(i!=0)

{

result.append(" ");

}

}

return result.toString();

}

}