Part (a)

public ArrayList<String> getDelimitersList(String[] tokens)

{

ArrayList<String> dels = new ArrayList<String>();

for(int i = 0; i < tokens.length; i++)

{

if( tokens[i].equals(openDel) || tokens[i].equals(closeDel) )

dels.add( tokens[i] );

}

return dels;

}

Part (b)

public boolean isBalanced(ArrayList<String> delimiters)

{

int closeCount = 0;

int openCount = 0;

for(int i = 0; i < delimiters.size(); i++)

{

if( delimiters.get(i).equals(openDel) )

openCount++;

if( delimiters.get(i).equals(closeDel) )

closeCount++;

if( closeCount > openCount )

return false;

}

if( openCount == closeCount )

return true;

else

return false;

}