Trent Giever

CS &141

Ch 8

4/24/2020

Problem # 8

Code:

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Programmer: Trent Giever

Assignment Chapter: 8

Purpose: String Manipulation

Date modified: 4/24/2020

IDE/Tool used: NetBeans 8.2

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package ch.pkg8;

import static java.lang.System.out;

public class Ch8

{

public static void main(String[] args)

{

String temp = "gravity"; //string variable to reverse and get word count

backward(temp); //call backward

out.println("Number of words: " + wordcount(temp)); //output word count

}

public static void backward(String original) //#1 Backword String

{

char array[] = original.toCharArray(); //char array

String reverse =""; //string to hold the reverse value

for(int i = array.length -1; i >=0; i--) //loops backwards through array

{

reverse += array[i];

}

out.println(reverse); //print the backward word(s)

}

public static int wordcount(String word) //#2 Word Counter

{

int count = 1; //count the number of words, default is one word

for(int i =0; i < word.length(); i++) //loop to find spaces

{

if(word.charAt(i) == ' ' )

count++;

}

return count; //returns the count

}

}

Snip:

