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\* Unit 4 Activity 1 Program/Question 2

\* This program will have the user enter a word. Using the letters of the word, it will form the shape of a rectangle. (moving the letters to the left one position each time)

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import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

public class WordRectangle

{

public static void main(String[] args) throws IOException

{

//Variable Declaration and Initializations

int restart = 1;

while(restart == 1)

{

String firstPart, secondPart, word;

BufferedReader input = new BufferedReader(new InputStreamReader (System.in));

System.out.println("Welcome to Word Rectangle!\n==============================");

System.out.println("Enter a word, and this program will make a word rectangle with it.");

word = input.readLine();

System.out.println("Here is the " + word.toUpperCase() + " rectangle:");

for (int i = 0; i != word.length(); i++)

{

firstPart = word.substring(i);

secondPart = word.substring(0, i);

System.out.println(firstPart.toUpperCase() + secondPart.toUpperCase());

}//end loop

System.out.println("Press 1 to try another word. Press anything else to exit.");

restart = Integer.parseInt(input.readLine());

}//end loop

}//end main

}//end class