Lab Report 9

# Problem

The problem is that we must take a word, move the first letter to the back, then see if the word is spelled the same backwards.

# Proposed Solution

Start

Have user enter a word

Move the first letter of the entered word to the end of the word

Compare the new word to the entered word

Is the new word spelled the same as the entered word backwards?

End

No?

Print “The word isn’t special

Yes?

Print “The word is special”

# Tests and Results

I tested the using the words in the example. The program I created states that dresser is a special word and charger is not.

# Problems Encountered

I had problems figuring out how to reverse the new word.

# Conclusions and Discussion

Other ways to solve this program would be to either use a for loop or to find some other way to reverse the word.

# Additional Questions

1. In the proposed solution section, draw a flowchart to represent your solution.

2. What is the output produced by the followed code snippet:

int count = 0;

while(count < 4)

{

System.out.println(count);

count++;

}

The output is:

0

1

2

3