Lab Report 02

# Problem

Figuring out the price and discount for a company selling software packages in large order.

# Proposed Solution

Create a program to take in the amount of packages and subtract the proper discount.

# Tests and Results

Text

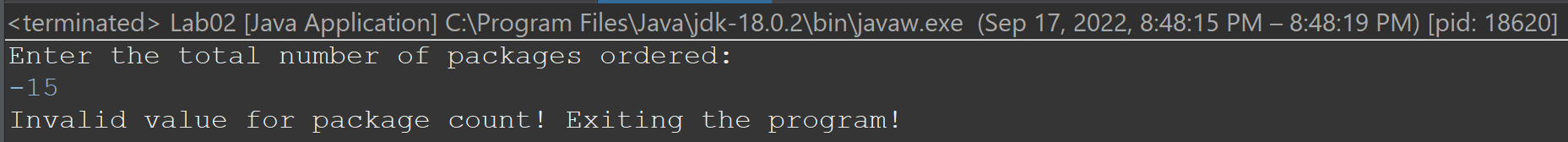
Description automatically generated

Text

Description automatically generated

Graphical user interface, text

Description automatically generated



# Problems Encountered

I was not able to use system.out.println() as one and had to copy three println lines for each if statement.

# Conclusions and Discussion

In this lab we learned to you math and multiple if statements in a program to calculate a subtotal after a discount is applied.

# Additional Questions

1. Can a keyword be used as the name of an identifier?
   1. No they cannot be used as an identifier
2. List any 2 keywords or reserved words.
   1. Abstract
   2. short
3. What is short-­circuit evaluation? Why is it useful?
   1. Skips the execution of sub-expressions as soon as a value is determined
   2. Allows for a quick execution and quicker to test.