Comp 120

Lab 4 report

Luke Colvin

**Functional Specifications**

This program determines the number of and amount of daily sales and gives the average daily sales for each day along with the total sales. The program will prompt the user to enter the sales of each day, repeating until a -1 is entered. It will sum the values and print each separately along with the average and total sales.

**Technical Specifications**

This program uses a list that is initialized before a while loop gets the input of the sales and checks for the sentinel value. If the sentinel value is detected it exits. totalSales and days variables are initialized then a for loop runs through the list and calculates the total sales. I used a math operator (/) to divide totalSales by days to get the average sales and I also added the round function to round the answer to 2 decimal places to clean up the answer. It then prints with a for loop to print the daily sales from the list. It then outputs the totalSales and averageSales appended to strings signifying what they are.

**Flow Chart**

**A diagram of a flowchart

Description automatically generated**

**Source Code**

**A screenshot of a computer program

Description automatically generated**

**Program Execution**

**A screenshot of a computer

Description automatically generated**

**Comments**

I had one issue where I messed up the indentation in the while loop which caused a syntax error that prevented the program from running.

The estimated time for me to complete this project was approximately 45 minutes.