Task 1

1. Declare an array of 50 components
2. Call and initialize function
3. Declare a loop control variable
4. Use a loop that runs for 25 iterations
5. Use a loop the makes those 25 first iterations the square of the index
6. Make another loop for the last 25 iterations
7. Make those equal to three times the index

Task 2

1. Declare the variable
2. Declare an array to hold the sales for each day
3. Declare an array to hold the days of the week
4. Initialize the total to be zero
5. Start a loop
6. Prompt the user to enter the sales for the current day
7. read the sales and store it in the array
8. Validate the user’s input to make sure that it is greater than or equal zero
9. Update the running total for the sales
10. Create a function to sort the sales array
11. Use a loop
12. find the index of the smallest element in sales array
13. Swap the smallest element in sales array with the first element in the unsorted array
14. swap the days in the days array the same way you swap the sales
15. Print the total sales to the screen
16. Print the sorted sales array and the associated days