Task 1

1. Declare the variables
2. Prompt the user to enter the number of items purchased
3. Read the number of items
4. Set the total t 0
5. Set a counter to 1
6. Prompt the user to enter the price of each item
7. Use a while loop to read the cost of each item
8. Read the cost
9. Total equals total plus cost
10. Increase the counter
11. Output the total to the screen

Task 2

1. Declare and initialize the variables
2. Use a for loop that runs 100 iterations
3. Calculate number divided by 7
4. If the number divided by 7 has no remainder
5. Then print the number to the screen
6. Update the sum by adding the number to the sum
7. Output the sum to the screen

Task 3

1. Include the required header files
2. Declare and initialize the variables used
3. Declare an input stream variable
4. Open an input file
5. Create a loop the runs for 31 iterations
6. Read the temperature from the input file
7. Update the total by adding the temperature to the total
8. Output the temperature and day to the screen
9. Make an if else statement
10. If the temperature is less than the minimum temperature, then
11. Update the minimum temperature to be equal to the temperature
12. Update the day associated with the minimum temperature
13. Calculate the average temperature
14. Output the average temperature
15. Output the minimum temperature
16. Output the day associated with the minimum temperature to the screen
17. Close the input file