

Calculations

Problem 4

Based on the land average temperature column, what was the hottest month recorded and what was the coldest month recorded (month and year in each case). In case of a tie, mention only one (doesn't matter which one).

Code Execution: (screenshot of the code output)

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Question 4
The hottest month was on July 1761 at 19.02
The coldest month was on January 1768 at -2.08
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Output:

Hottest month recorded:

Month: July, Year: 1761, Temperature: 19.02 degrees
celsius Coldest month recorded:

Month: January, Year: 1768, Temperature: -2.08 degrees celsius

Purpose: The main goal of this program is to identify the coolest and hottest months documented using the land's average temperature data for a specific location.	Conflicts: Determining the coldest months along, with their years based on the average temperature of a specific region proved to be quite challenging. This situation resembled the dilemma. With the added complication of factoring, in an extra variable.	Outputs/Analysis: The results show information, about the hottest and coldest months of the year determined by the land's average temperature, on land. Upon reviewing the data it is clear that the report confirms that July 1761 was the hottest month and January 1768 was the coldest.	How we would approach next time: The method would be quite similar since it is a question, with only a few approaches to think about; simple and direct.
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C operations we used to answer question #4 (Explanation of code)

The second question followed a method, to the question operations but it necessitated extra arrays for identifying the hottest and coldest months. These arrays were used to calculate the land temperature

utilizing the index numbers of the lowest values to pinpoint the warmest and coolest months as well, as the corresponding year.