**Question: Temperature Analysis**

You are tasked with creating a program to analyze a set of daily temperatures entered by a user for a specified number of days. The program should perform the following tasks:

1. Prompt the user to enter the number of days they want to analyze.
2. Use a loop to collect daily temperatures and store them in a list.
3. After collecting the temperatures, calculate and display the following statistics:
   * The highest temperature recorded.
   * The lowest temperature recorded.
   * The average temperature (rounded to two decimal places).
4. Additionally, identify and print the days where the temperature is above the average.

**Steps to Complete:**

1. Initialize an empty list called **temperatures**.
2. Prompt the user to enter the number of days.
3. Use a loop to iterate from 1 to the specified number of days and collect daily temperatures from the user. Append each temperature to the **temperatures** list.
4. Calculate and print the highest temperature using the **max()** function.
5. Calculate and print the lowest temperature using the **min()** function.
6. Calculate and print the average temperature. Round the result to two decimal places using the **round()** function.
7. Identify days where the temperature is above the average and print them.

**Marking Guide:**

* **Correct Initialization of List (2 points):**
  + **temperatures** list is correctly initialized as an empty list.
* **Input Collection and Loop (4 points):**
  + The program correctly prompts the user for the number of days.
  + The loop correctly collects daily temperatures for each day and appends them to the **temperatures** list.
* **Statistical Analysis (5 points):**
  + The program correctly calculates and prints the highest temperature.
  + The program correctly calculates and prints the lowest temperature.
  + The program correctly calculates and prints the average temperature.
* **Identification of Days Above Average (3 points):**
  + The program correctly identifies and prints days where the temperature is above the average.
* **Clarity and Readability (2 points):**
  + Code is well-organized, with proper indentation and clear variable names.

*Total: 16 points*