

Assignment(5)

Write a Java program that classifies the weather based on temperature input by the user.

The classification will be based on the following criteria:

- If the temperature is 30°C or higher, the weather is "Hot".
- If the temperature is between 20°C and 29°C, the weather is "Warm".
- If the temperature is between 10°C and 19°C, the weather is "Cool".
- If the temperature is between 0°C and 9°C, the weather is "Cold".
- If the temperature is below 0°C, the weather is "Freezing".

Use nested if statements to implement this logic.