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**Implementing weather modeling using a quadratic equation in stage:Read from file method.**

```
def temperature_modeling(a, b, c, time):  
    # Calculate temperature based on time using the quadratic equation  
    temperature = a * time**2 + b * time + c  
    return temperature  
  
# Reading values from file  
with open('weather.txt', 'r') as file:  
    lines = file.readlines()  
    a_file, b_file, c_file, time_file = map(float, lines[0].split())  
  
# Display results  
print("3. Read from a File for Weather Modeling")  
print("Temperature for file input coefficients at time", time_file, "hours:",  
      temperature_modeling(a_file, b_file, c_file, time_file))  
print("\n")
```