2. Observer Pattern

2.1. Implement an observer pattern by creating a subject class called WeatherStation and observer classes called TemperatureDisplay and HumidityDisplay.

   2.1.1. The WeatherStation class should maintain the current temperature and humidity and have methods for registering, unregistering, and notifying observers.

   2.1.2. The TemperatureDisplay and HumidityDisplay classes should have a method called update() that prints the updated temperature and humidity.

2.2. Write a sample code that demonstrates the usage of the observer pattern. Create an instance of the WeatherStation class, register the TemperatureDisplay and HumidityDisplay instances as observers, and update the temperature and humidity to observe the output.