Implementing the Observer Pattern

1. Create a New Java Project:

* A new Java project named “ObserverPatternExample” was created.

1. Define Subject Interface:

* An interface “Stock” with methods “register”, “deregister”, and “notify” was created.

1. Implement Concrete Subject:

* A class “StockMarket” that implements “Stock” and maintains a list of observers was created.

1. Define Observer Interface:

* An interface observer with a method “update()” was created.

1. Implement Concrete Observers:

* Classes “MobileApp”, “WebApp” that implements observer were created.

1. Test the Observer Implementation:

* A test class to demonstrate the registration and notification of observers was created.