











File Edit Selection View Go Run ... ← → cognizant

EXPLORER

OPEN EDITORS

- DecoratorPattern.java 7
- ProxyPattern.java 3
- ObserverPattern.java 5

COGNIZANT

- Employee.class
- EmployeeManagementSystem.class
- EmployeeManagementSystem.java
- FactoryMethodPattern.java
- FinancialForecasting.java
- InventoryManagementSystem.java
- LibraryManagementSystem.java
- ObserverPattern.java 5
- Product.class
- ProxyPattern.java 3
- SingletonPattern.java
- Task.class
- TaskList.class
- TaskManagementSystem.class
- TaskManagementSystem.java
- TaskNode.class

OUTLINE

TIMELINE

PROJECTS

RUN CONFIGURATION

JAVA PROJECTS

ObserverPattern.java > Language Support for Java(TM) by Red Hat > WebApp > update(String, double)

```
50 class WebApp implements Observer {
55 }
56
```

PROBLEMS 15 OUTPUT DEBUG CONSOLE TERMINAL PORTS

Run: ObserverPattern

```
PS C:\cognizant> & 'C:\Program Files\Java\jdk-24\bin\java.exe' '--enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\sahan\AppData\Roaming\Code\User\workspaceStorage\5c120c78ee1edadaac7ff33613f965a8\redhat.java\jdt_ws\cognizant_43b6ceb\bin' 'ObserverPattern'

--- Stock Market Menu ---
1. Register Observer
2. Remove Observer
3. Update Stock Price
4. Exit
Choose an option: 1
Enter observer name: Akash
App type: mobile
Akash (Mobile) registered.

--- Stock Market Menu ---
1. Register Observer
2. Remove Observer
3. Update Stock Price
4. Exit
Choose an option: 1
Enter observer name: Archana
App type: web
Archana (Web) registered.

--- Stock Market Menu ---
1. Register Observer
```

Ln 59, Col 91 Spaces: 4 UTF-8 CRLF Java

6 9 Indexing completed. Java: Ready

21:28 20-06-2025

Visual Studio Code interface showing a Java project named "cognizant".

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- COGNIZANT
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OPEN EDITORS:

- DecoratorPattern.java 7
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Editor Content (ObserverPattern.java):

```
50 class WebApp implements Observer {
55 }
56
```

TERMINAL:

```
1. Register Observer
2. Remove Observer
3. Update Stock Price
4. Exit
Choose an option: 2
Enter observer name to remove: akash
Akash (Mobile) removed.

--- Stock Market Menu ---
1. Register Observer
2. Remove Observer
3. Update Stock Price
4. Exit
Choose an option: 3
Enter stock name: Mobile
Enter stock price: 234000
[Web - Archana] Stock update: Mobile is now RS234000.0

--- Stock Market Menu ---
1. Register Observer
2. Remove Observer
3. Update Stock Price
4. Exit
Choose an option: 4
Exiting... Thank you!
PS C:\cognizant>
```

STATUS BAR: Ln 59, Col 91 | Spaces: 4 | UTF-8 | CRLF | Java

Taskbar: Windows Start button, Search, and various application icons (Edge, Teams, File Explorer, etc.). System clock shows 21:28 on 20-06-2025.