

**FROM:**

**TAYYAB ALAM**

**FA22-BSE-043**

**LAB TASK: 03**

**FOR:**

**SOFTWARE DESIGN & ARCHITECTURE**

**SECTION:**

**BSE: 5A**

**TO:**

**SIR MUKHTIAR ZAMIN**

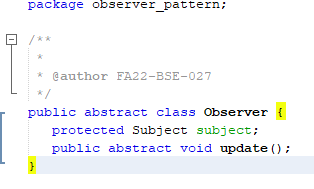
**QUESTION**

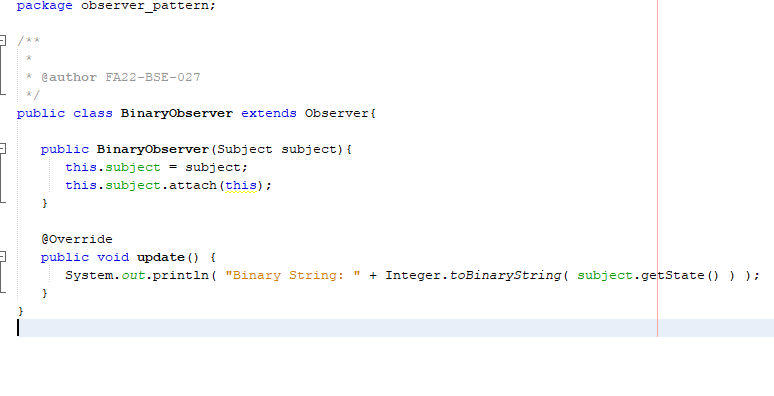
Run the coding example on https://www.tutorialspoint.com/design\_pattern/observer\_pattern.ht m

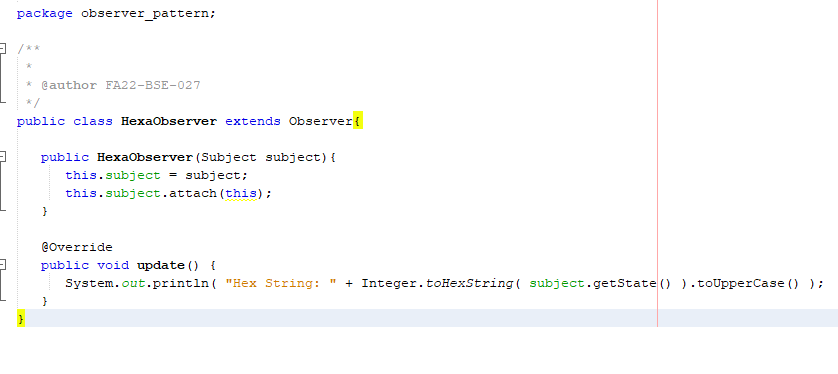
• Add Detach method to the Subject

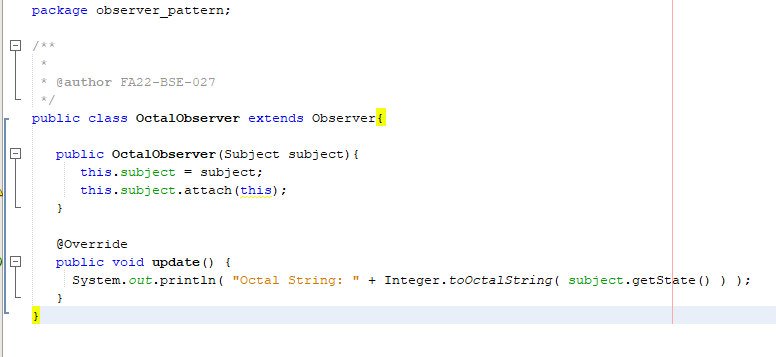
• In Demo you need to change the number of observers and then change the state to ensure that only active observers gets notified and their update method are executed only.

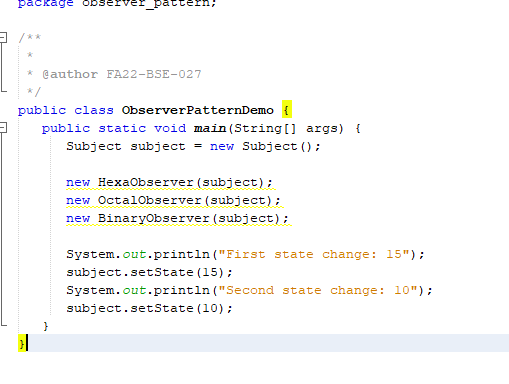




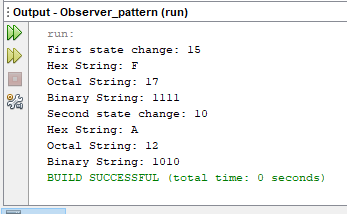








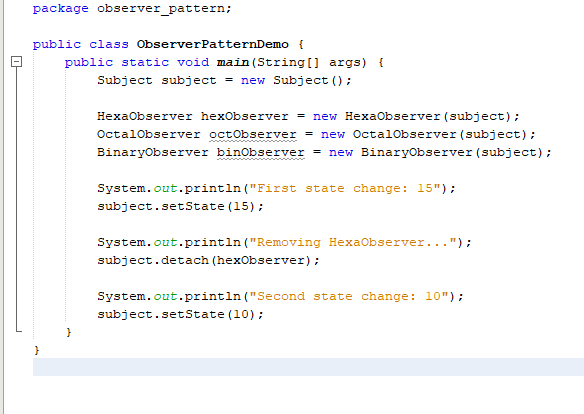
**Before Results**



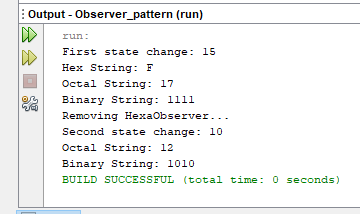
Add Detach method to the Subject

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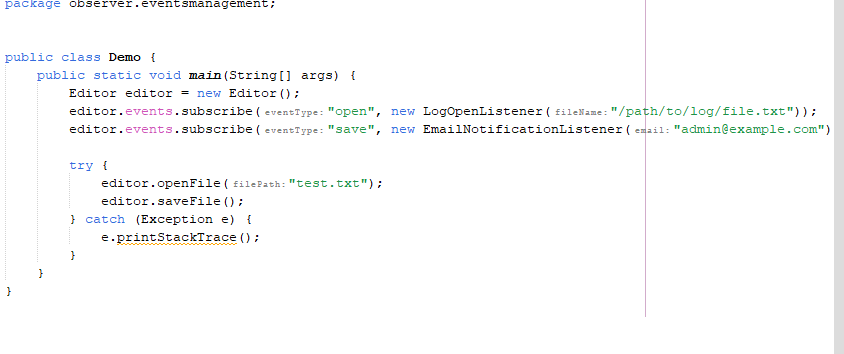


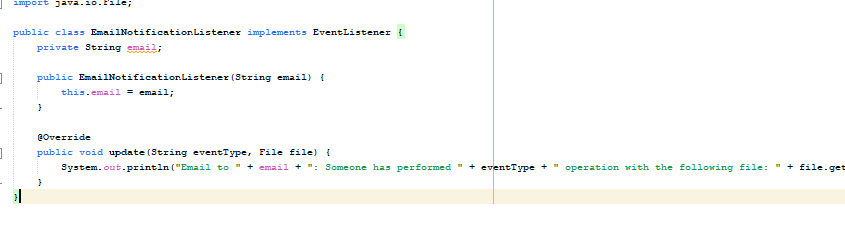
**After Results**

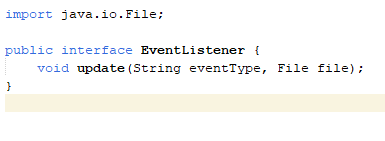


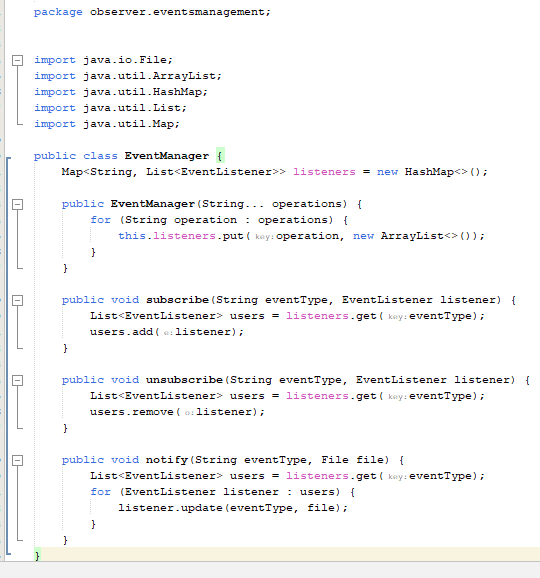
**Second Question**

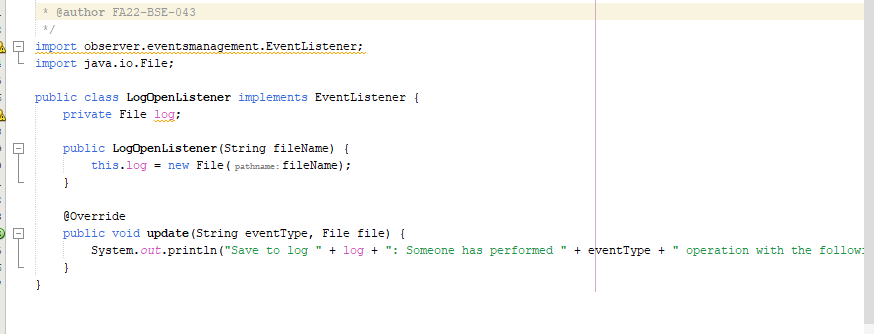




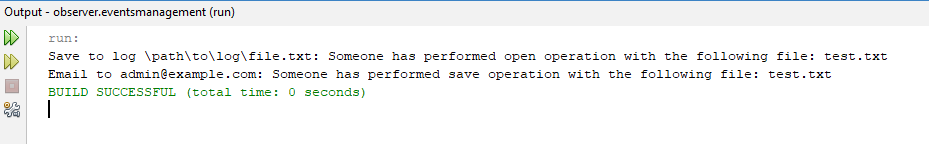








**RESULT**



**THE END**