Strategy pattern

Let us assume that we have a student list where we have several information about the students like their names, roll, and age. Now we need to sort them. We can sort them in many ways like on the basis of names or roll, or age. So, we have a common strategy to sort the list of students and some concrete strategies like SortingViaName, SortingViaRoll, and SortingViaAge.

Observer pattern

Most of us use several apps on our mobile. Let us assume there is an app that does not send notifications to all users. It only sends notifications to those users who have allowed notifications for those apps. This scenario can be fitted into the observer pattern where the app users are the observers. To observe the notifications, they have to allow notifications. Those who do not enable this property will not able to see the notifications.

Command pattern

If we see the point of view of a tv remote, it gives several commands like increase volume, decrease volume, increase channel, or decrease channel. The task of the tv remote is to give those commands to the television. The tv remote does not have to worry about how the commands will be executed or if the television has the capability to do that or not. So, this scenario can be fitted into the command pattern.

Memento pattern

We know that in memento pattern, we have to store the previous states to go back if necessary. Here we can fit a certain scenario of a browser. We all use browsers daily to browse several web pages. Every time while using the browser when we click the back button we can see that the browser browses to the previous address if any address was browsed before at that time. So this scenario can be fitted into the memento pattern where previous web addresses are stored.

Mediator

Most of us use cabs in our daily life. We use uber to book cabs for our daily use. Where we have to give a request of cabs putting our destination. Then if there remains any free driver he will accept our request and we can use that cab. On the other hand, we can directly book any cab not using uber. Here uber is acting as a mediator between the passengers and the cabs. So we can fit this scenario into the mediator pattern.

Chain of responsibility