

Java & DSA - ASSIGNMENT - DAY 21

Please practice the following activities

1. Implement adapter design pattern which showcase the java Arrays.asList implementation.

You must create your own arrays eg: MyArray class and implement the below scenario using Adapter Design Pattern.

```
List<String> subjects = MyArrays.asList("Java", "DSA", "DataBase");
```

2. Implement decorator as a design pattern to upgrade a user membership to prime membership eg: in Amazon
3. Implement decorator as a design pattern and showcase how can you customize a macbook or an iPhone from the apple store for a customized purchase order.

Refer link for implementation: <https://www.apple.com/in/shop/buy-mac/macbook-pro/13-inch-macbook-pro>

4. Identify a use case and implement chain of responsibility in a social media application like instagram or facebook
5. Implement state design pattern when a cab is booked by a user in cab booking application scenario eg: in OLA/Uber