Implementing the Decorator Pattern

1. Create a New Java Project:

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

1. Define Component Interface:

* An interface “Notifier” with a method “send()” was created.

1. Implement Concrete Component:

* A class “EmailNotifier” that implements Notifier was created.

1. Implement Decorator Classes:

* An abstract decorator class “NotifierDecorator” that implements “Notifier” and holds a reference to a “Notifier” object was created.
* Concrete decorator classes like “SMSNotifierDecorator”, “SlackNotifierDecorator” that extend “NotifierDecorator” were created.

1. Test the Decorator Implementation:

* A test class to demonstrate sending notifications via multiple channels using decorators was created.