SINGLETON DESIGN PATTERN

UML DIAGRAM

SingletonPatternDemo

+ main():: void

Singleton
Design Pattern

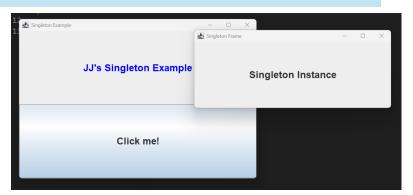
Singleton

- instance:: Singleton

- Singleton()
+ static getInstance()::Singleton

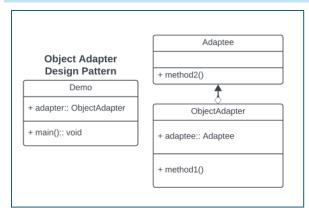
DEMO SCREENSHOTS

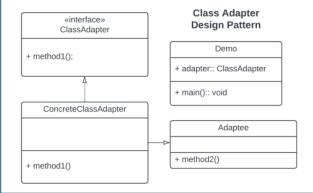




ADAPTER PATTERN

UML DIAGRAMS





DEMO SCREENSHOT

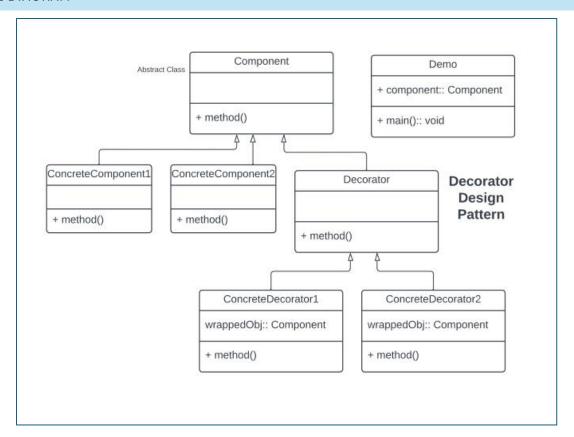
This program will firstly test the line object, then the adapted Circle object

----Line---Displaying Line
Filling Line
Undisplaying Line

----Circle---Drawing Circle from Adaptee
Filling Circle from Adptee
Undrawing Circle from adptee

DECORATOR PATTERN

UML DIAGRAM



DEMO SCREENSHOT

```
---JJ's Coffee Shop---

Expresso
$1.99

Dark Roast, Mocha, Mocha, Whip
$1.49

House Blend, Soy, Mocha, Whip
$1.34

Decaf, Mocha, Mocha, Milk, Milk, Soy, Soy, Whip, Whip
$2.09
```