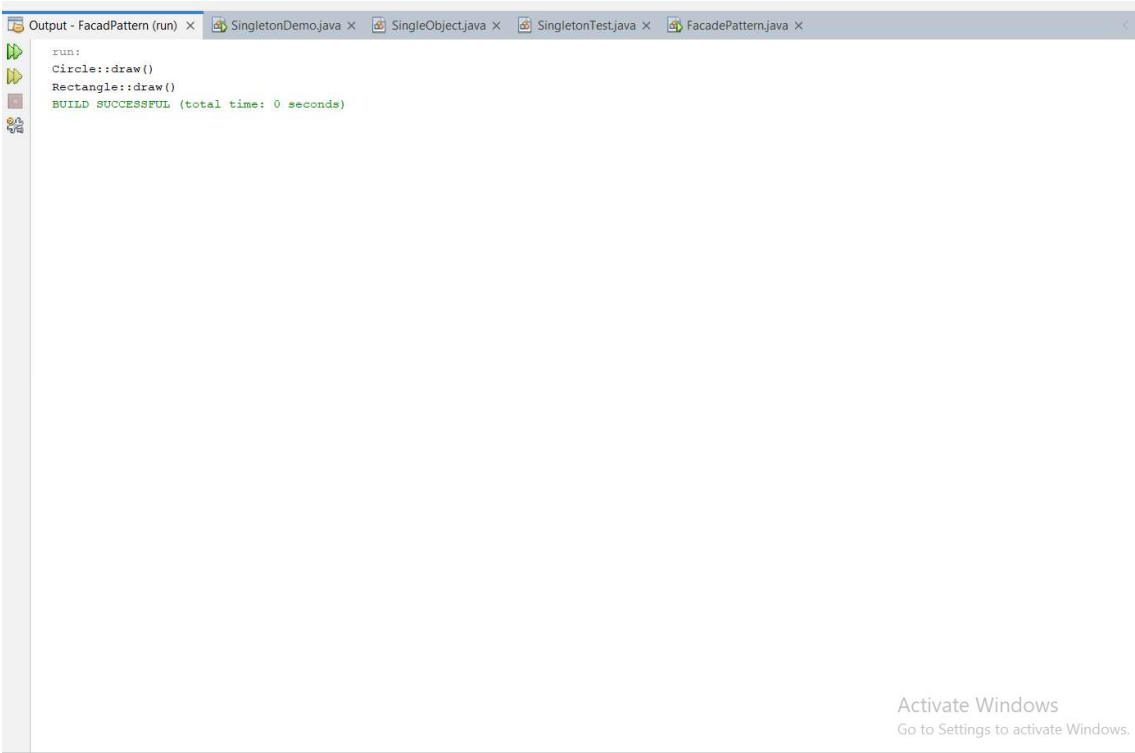
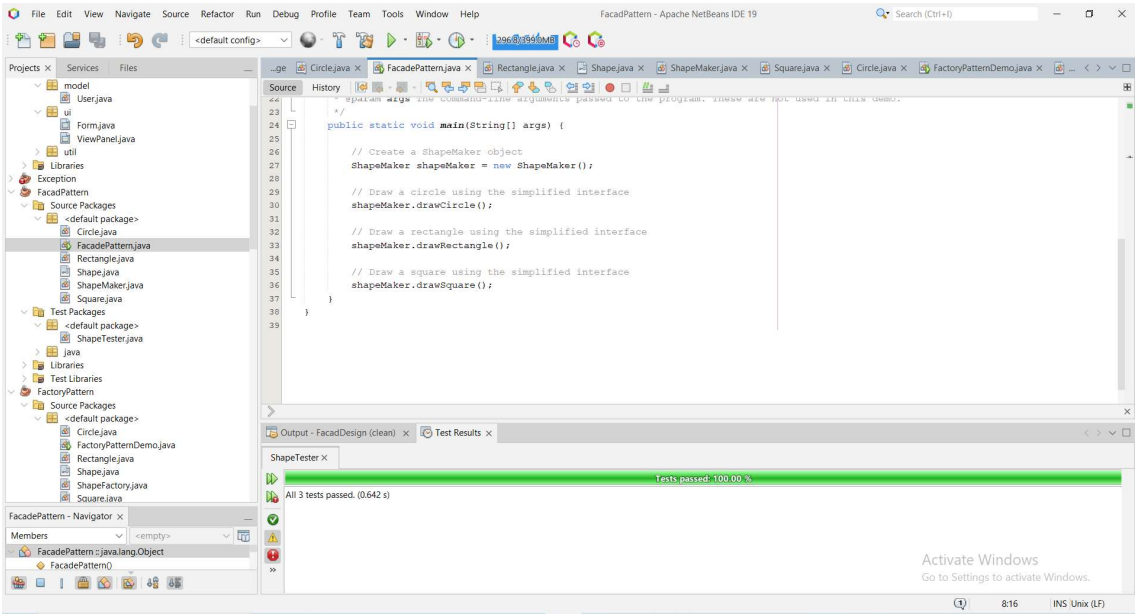


# Facad Pattern



C/Users/USER/OneDrive/Documents/NetBeansProjects/design-main/facadDesign/dist/javadoc/package-summary.html

PACKAGE: CLASS USE TREE INDEX HELP

PACKAGE: DESCRIPTION | RELATED PACKAGES | CLASSES AND INTERFACES

SEARCH Search

Unnamed Package

All Classes and Interfaces Interfaces Classes

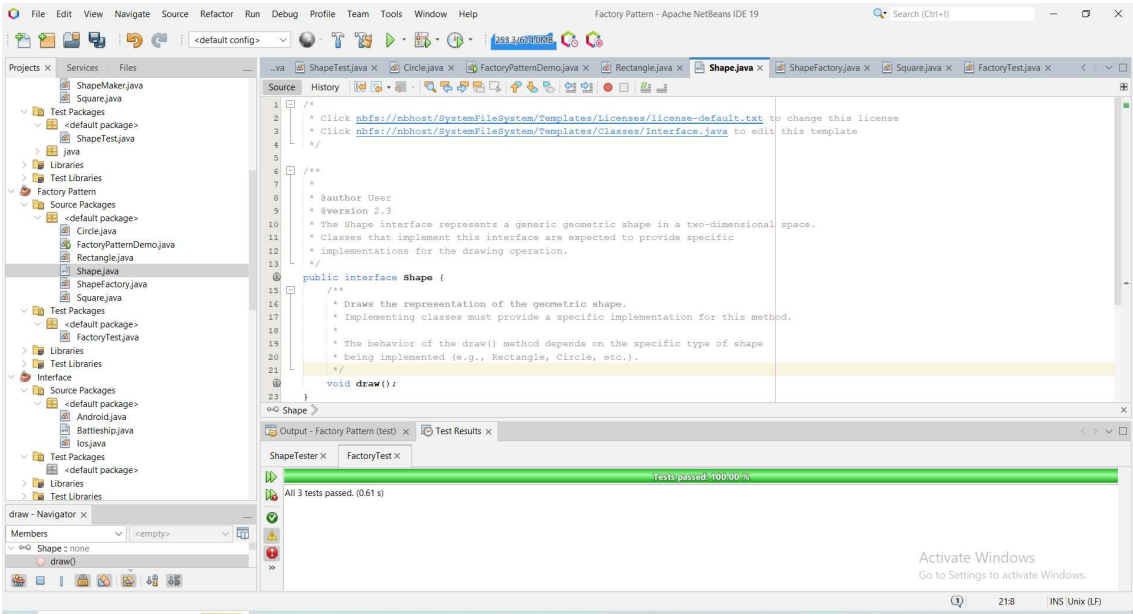
Class	Description
Circle	
FacadePattern	
Rectangle	
Shape	
ShapeMaker	
Square	

Activate Windows  
Go to Settings to activate Windows.

Type here to search

2°C Cloudy 1:33 PM 2023-11-27

Factory Pattern

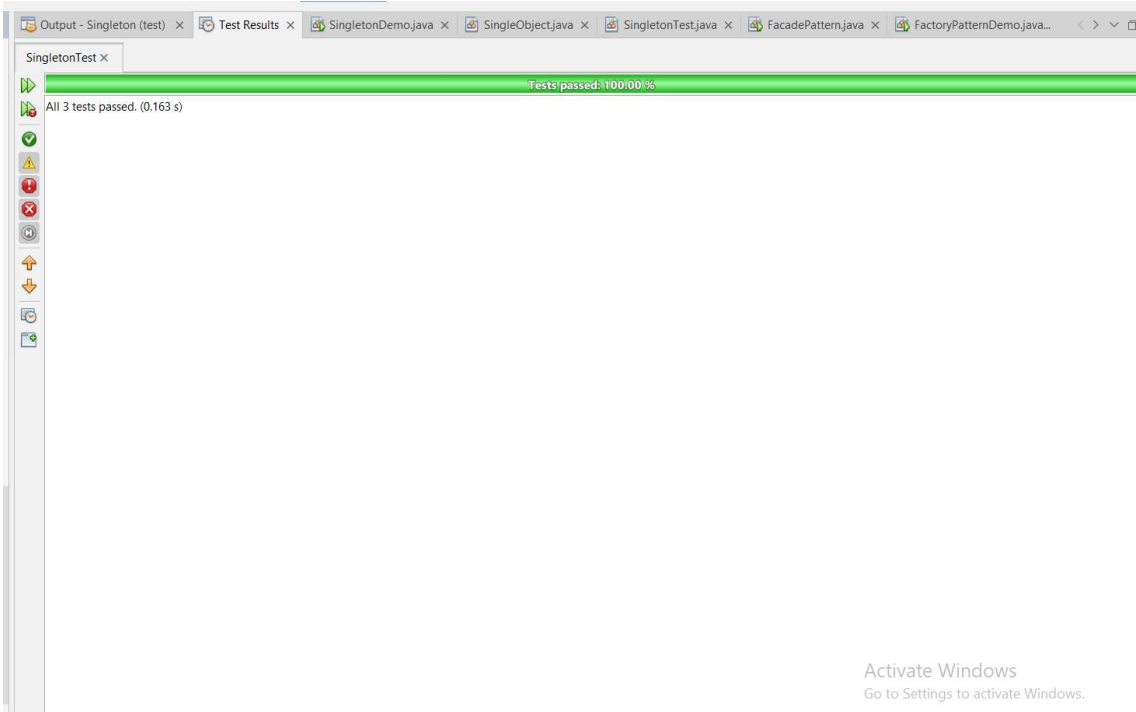
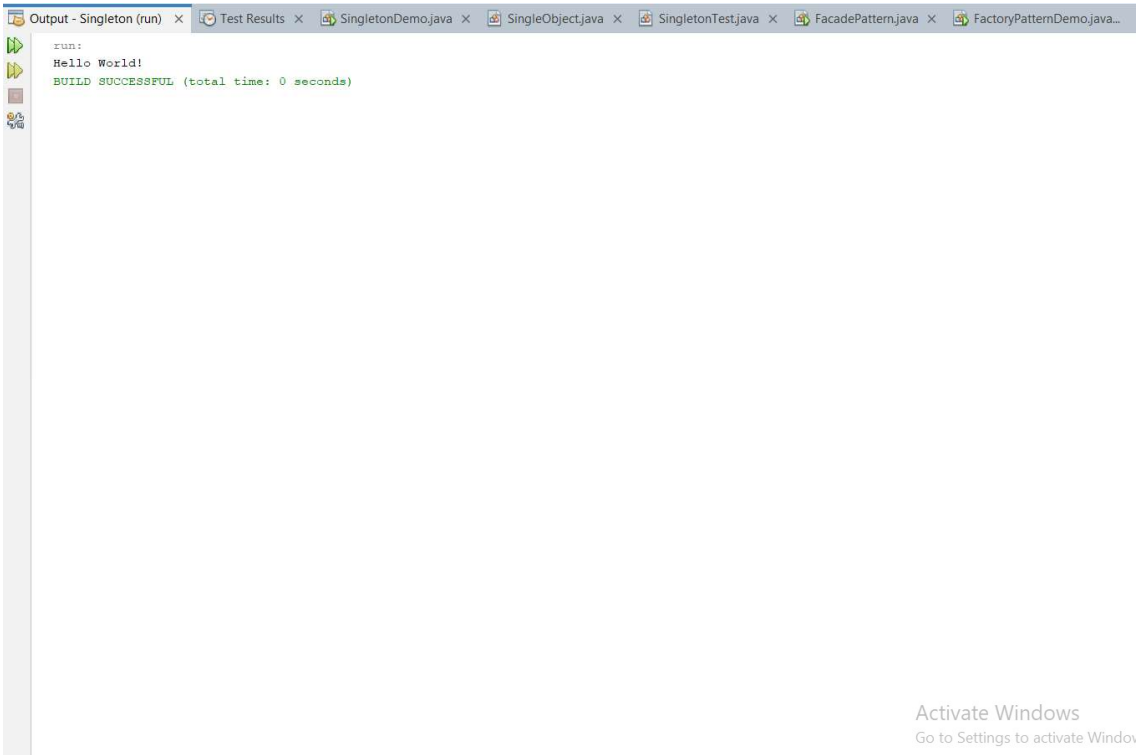


Unnamed Package

All Classes and Interfaces	Interfaces	Classes
Class		
		Description
Circle		
FactoryPatternDemo		
Rectangle		
Shape		
ShapeFactory		
Square		

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Go to Settings to activate Windows.

Singleton Pattern :



Unnamed Package

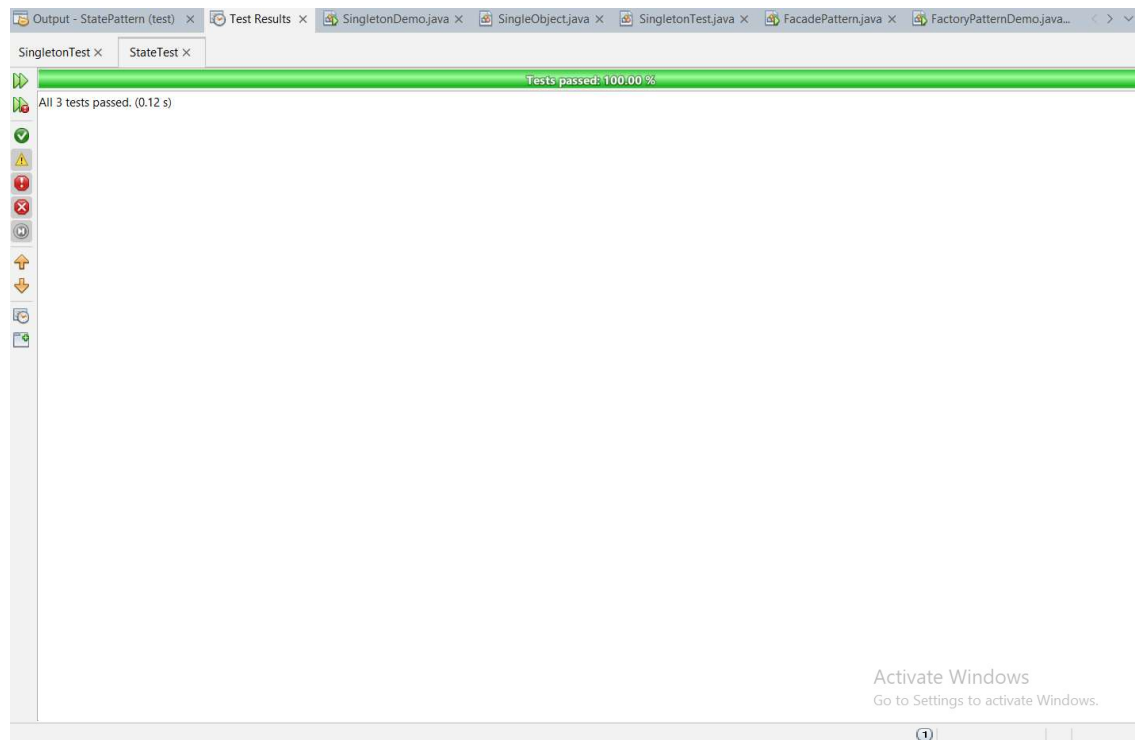
Classes	
Class	Description
SingleObject	
SingletonDemo	

## State Pattern :



The screenshot shows an IDE window with multiple tabs. The active tab is 'Output - StatePattern (run)'. The output text displays the execution of a state machine simulation. It starts with 'Current SubState: Constant Speed' and 'Current State: Move Forward'. It then transitions to 'Decelerate' and then 'Accelerate' states, with various error messages like 'Error: Can only press Right Pedal thrice when in Decelerate State.' and 'Unable to move.' The simulation ends with 'BUILD SUCCESSFUL (total time: 0 seconds)'. On the right side of the IDE, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.'

```
Current SubState: Constant Speed
Transitioning from Constant Speed State to Decelerate State...
Current State: Move Forward
Current SubState: Decelerate
Transitioning from Decelerate State to Accelerate State...
Current State: Move Forward
Current SubState: Accelerate
Error: Can only press Right Pedal thrice when in Decelerate State.
Unable to move.
Current State: Move Forward
Current SubState: Accelerate
Transitioning from Accelerate State to Decelerate State...
Current State: Move Forward
Current SubState: Decelerate
Transitioning from Decelerate State to At Rest State...
Current State: At Rest
Current SubState: None
Transitioning from At Rest State to Move Backward State...
Current State: Move Backward
Current SubState: Accelerate
Transitioning from Accelerate State to Constant Speed State...
Current State: Move Backward
Current SubState: Constant Speed
Transitioning from Constant Speed State to Decelerate State...
Current State: Move Backward
Current SubState: Decelerate
Transitioning from Decelerate State to Accelerate State...
Current State: Move Backward
Current SubState: Accelerate
Error: Can only press Left Pedal thrice when in Decelerate State.
Unable to move.
Current State: Move Backward
Current SubState: Accelerate
Transitioning from Accelerate State to Decelerate State...
Current State: Move Backward
Current SubState: Decelerate
Transitioning from Decelerate State to At Rest State...
Current State: At Rest
Current SubState: None
BUILD SUCCESSFUL (total time: 0 seconds)
```



The screenshot shows an IDE window with multiple tabs. The active tab is 'Test Results'. The test results show 'All 3 tests passed, (0.12 s)' and 'Tests passed: 100.00%'. On the right side of the IDE, there is a watermark that says 'Activate Windows Go to Settings to activate Windows.'

```
SingletonTest x StateTest x
Tests passed: 100.00%
All 3 tests passed, (0.12 s)
```

C:/Users/USER/OneDrive/Documents/NetBeansProjects/design-main/StatePattern/dist/javadoc/package-summary.html

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PACKAGE

CLASS

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Classes

Class	Description
AIRest	
MoveBackward	
MoveForward	
Rover	
State	

Activate Windows  
Go to Settings to activate Windows.