Yousse SAADE   28/10/2024

220958

Le code de ce devoir est present dans le Github repository dont le lien est le suivant :

https://github.com/Yousseffsaade/USJ_devoirs_mdc_Youssef_SAADE_2024.git

Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)

Contenu du fichier **Adapter**

Name	Date modified	Type	Size
AdapterPatternExample.class	10/28/2024 8:00 PM	CLASS File	1 KB
AdapterPatternExample	10/28/2024 7:51 PM	Java Source File	1 KB
LegacyPrinter.class	10/28/2024 8:00 PM	CLASS File	1 KB
LegacyPrinter	10/28/2024 7:50 PM	Java Source File	1 KB
PrintAdapter.class	10/28/2024 8:00 PM	CLASS File	1 KB
PrintAdapter	10/28/2024 7:51 PM	Java Source File	1 KB
Printer.class	10/28/2024 8:00 PM	CLASS File	1 KB
Printer	10/28/2024 7:50 PM	Java Source File	1 KB

Execution du code de **Adapter**

```
Microsoft Windows [Version 10.0.18362.1256]
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C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Adapter>javac *.java

C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Adapter>java AdapterPattern
Example
Legacy Printer Output: Hello World

C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Adapter>
```

Contenu du fichier **Bridge**

Name	Date modified	Type	Size
BridgePatternExample.class	10/28/2024 8:03 PM	CLASS File	1 KB
BridgePatternExample	10/28/2024 8:03 PM	Java Source File	1 KB
Circle.class	10/28/2024 8:03 PM	CLASS File	1 KB
Circle	10/28/2024 7:55 PM	Java Source File	1 KB
DirectXDrawingAPI.class	10/28/2024 8:03 PM	CLASS File	1 KB
DirectXDrawingAPI	10/28/2024 7:54 PM	Java Source File	1 KB
DrawingAPI.class	10/28/2024 8:03 PM	CLASS File	1 KB
DrawingAPI	10/28/2024 7:53 PM	Java Source File	1 KB
OpenGLDrawingAPI.class	10/28/2024 8:03 PM	CLASS File	1 KB
OpenGLDrawingAPI	10/28/2024 7:54 PM	Java Source File	1 KB
Shape.class	10/28/2024 8:03 PM	CLASS File	1 KB
Shape	10/28/2024 7:54 PM	Java Source File	1 KB
Square.class	10/28/2024 8:03 PM	CLASS File	1 KB
Square	10/28/2024 7:55 PM	Java Source File	1 KB

Execution du code de **Bridge**


```
C:\Windows\System32\cmd.exe                                                    —    □    ✕

Microsoft Windows [Version 10.0.18362.1256]
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C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Bridge>javac *.java

C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Bridge>java BridgePatternExample
Drawing Circle using OpenGL.
Drawing Square using DirectX.

C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Bridge>
```

Contenu du fichier **Decorator**

Name	Date modified	Type	Size
Beverage.class	10/28/2024 8:04 PM	CLASS File	1 KB
Beverage	10/28/2024 7:56 PM	Java Source File	1 KB
CondimentDecorator.class	10/28/2024 8:04 PM	CLASS File	1 KB
CondimentDecorator	10/28/2024 7:57 PM	Java Source File	1 KB
DecoratorPatternExample.class	10/28/2024 8:04 PM	CLASS File	2 KB
DecoratorPatternExample	10/28/2024 7:58 PM	Java Source File	1 KB
Espresso.class	10/28/2024 8:04 PM	CLASS File	1 KB
Espresso	10/28/2024 7:56 PM	Java Source File	1 KB
Milk.class	10/28/2024 8:04 PM	CLASS File	1 KB
Milk	10/28/2024 7:57 PM	Java Source File	1 KB
Tea.class	10/28/2024 8:04 PM	CLASS File	1 KB
Tea	10/28/2024 7:58 PM	Java Source File	1 KB

Execution du code de **Decorator**

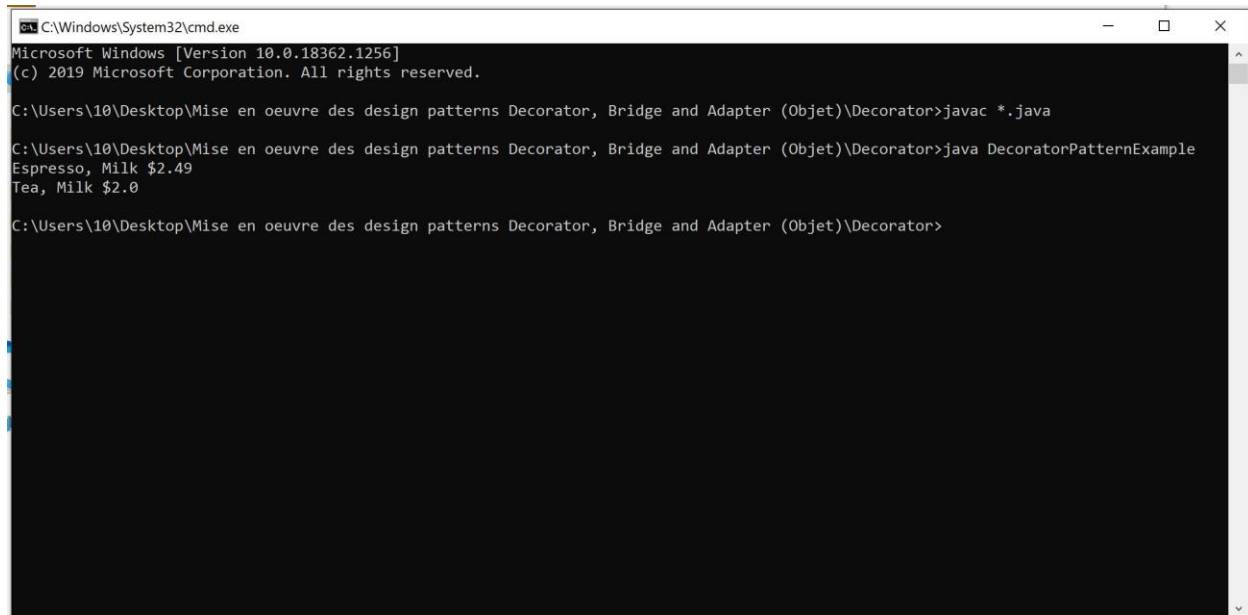```
C:\Windows\System32\cmd.exe   —   □   ×

Microsoft Windows [Version 10.0.18362.1256]
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C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Decorator>javac *.java

C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Decorator>java DecoratorPatternExample
Espresso, Milk $2.49
Tea, Milk $2.0

C:\Users\10\Desktop\Mise en oeuvre des design patterns Decorator, Bridge and Adapter (Objet)\Decorator>
```

Ce travail a ete realise avec l'aide de ChatGPT 4o.