

Lab 05 Assignment

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Question1

文件入口: Question01->Question1

Question2

文件入口: Question02->Question2

- 不可能有子类
- final类可以视为所有构造方法都是private的类

Question3

a. 程序的运行结果如下

```
4
4
5
foo() of Parent
foo() of Child
foo() of Child
bar() of Parent
bar() of Parent
bar() of Child
```

- b. 不能通过编译, 因为 Child 中的 foo() 无法覆盖 Parent 中的 foo()
- c. 不能通过编译, 理由同上
- d. 不一致
- e. 属性、非静态方法可以覆盖, 静态方法可以隐藏

Question4

文件入口: Question04->Question4->src->Test.java运行

Question5

文件入口: Question05->Question5->src->Test运行

Question6

文件入口: Question06->Question6->src->OS.java运行

```
"C:\Program Files\Java\jdk-18.0.2\bin\java.exe" "-javaagent:C:\Program Files\JetBrains\IntelliJ IDEA Community Edition
New
New folder
folder1
New success
Select
folder
folder1
Select success
New
New exe
exe1
0101010
New success
New
New ink
exe
exe1
ink1
New success
New
New nonExe
nonexe1
114514
New success
Open
[Name:exe1] [Type:exe]
[Name:ink1] [Type:ink]
[Name:nonexe1] [Type:nonexe]
Close
close success
Print
[Name:folder1] [Type:folder] [Size:20] [Time:2022-10-24 05:35:40] [Location:C\] [FolderNum:0] [FileNum:3]
Select
exe
exe1
Select success
Print
[Name:exe1] [Type:exe] [Size:7] [Time:2022-10-24 05:36:06] [Location:C\folder1\]
Open
0101010
Select
ink
ink1
Select success
Open
0101010
Select
nonexe
nonexe1
Select success
Open
File cannot be opened
Print
[Name:nonexe1] [Type:nonexe] [Size:6] [Time:2022-10-24 05:37:07] [Location:C\folder1\]
|
```