Questions on Task 2

Your name: ______________________________

Questions

1. Time when starting to read this question: _____ h ____m ____s
   [Function] Describe in your own words the functionality implemented in the if-else statement.
   Time when finished answering this question: _____ h ____m ____s

2. Time when starting to read this question: _____ h ____m ____s
   [Control Flow] Write a pseudo code summary of how the execute method performs its core functionality. Do not simply refer to syntactical operations, but describe specific semantics.
   Use the following pseudo code convention:
   ```
   Write shoppingList
   Drive to shoppingMarket
   Take shoppingCart
   ForEach item in shoppingList
     If itemInReduction
       Add 2 of item to shoppingCart
     ElseIf itemNotSoldOut
       Add 1 of item to shoppingCart
     mark item as bought
     pay the items
   ...
   ```
   Time when finished answering this question: _____ h ____m ____s

3. Time when starting to read this question: _____ h ____m ____s
   [Operations] Describe the need for the final variable "ok", which is declared at the beginning of the execute method.
   Time when finished answering this question: _____ h ____m ____s

4. Time when starting to read this question: _____ h ____m ____s
   [Data Flow] Describe briefly when the variable "indexedFileNames" is updated.
   Time when finished answering this question: _____ h ____m ____s

5. Time when starting to read this question: _____ h ____m ____s
   [State] The condition of the if-else statement is “if (max == 0)”. Describe briefly the value of variable max when it is evaluated in this condition.
   Time when finished answering this question: _____ h ____m ____s
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Your name: ________________________________

Questions

6. Time when starting to read this question: _____ h ____m ____s
[Function] Describe in your own words the functionality implemented in the if-else statement.
Time when finished answering this question: _____ h ____m ____s

7. Time when starting to read this question: _____ h ____m ____s
[Control Flow] Write a pseudo code summary of how the execute method performs its core functionality. Do not simply refer to syntactical operations, but describe specific semantics.
Use the following pseudo code convention:

```
Write shoppingList
Drive to shoppingMarket
Take shoppingCart
ForEach item in shoppingList
  If itemInReduction
    Add 2 of item to shoppingCart
  ElseIf itemNotSoldOut
    Add 1 of item to shoppingCart
  mark item as bought
  pay the items
...
```
Time when finished answering this question: _____ h ____m ____s

8. Time when starting to read this question: _____ h ____m ____s
[Operations] Describe the need for the final variable “ok”, which is declared at the beginning of the execute method.
Time when finished answering this question: _____ h ____m ____s

9. Time when starting to read this question: _____ h ____m ____s
[Data Flow] Describe briefly when the variable “indexedFileNames” is updated.
Time when finished answering this question: _____ h ____m ____s

10. Time when starting to read this question: _____ h ____m ____s
[State] The condition of the if-else statement is “if (max == 0)”. Describe briefly the value of variable max when it is evaluated in this condition.
Time when finished answering this question: _____ h ____m ____s