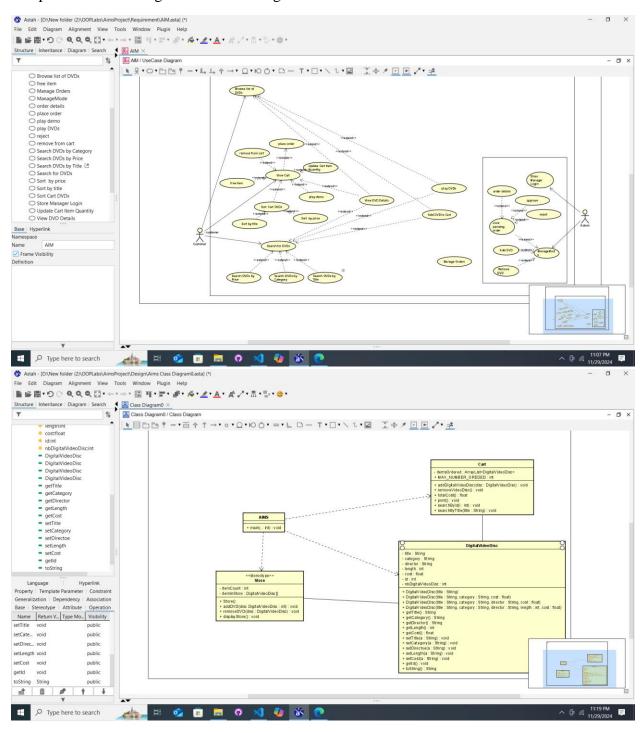
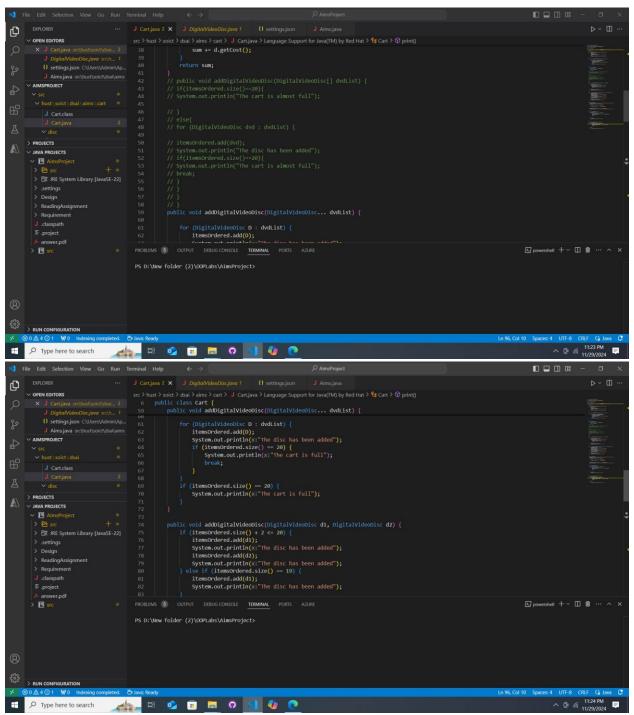
1. Update use-case diagram and class diagram

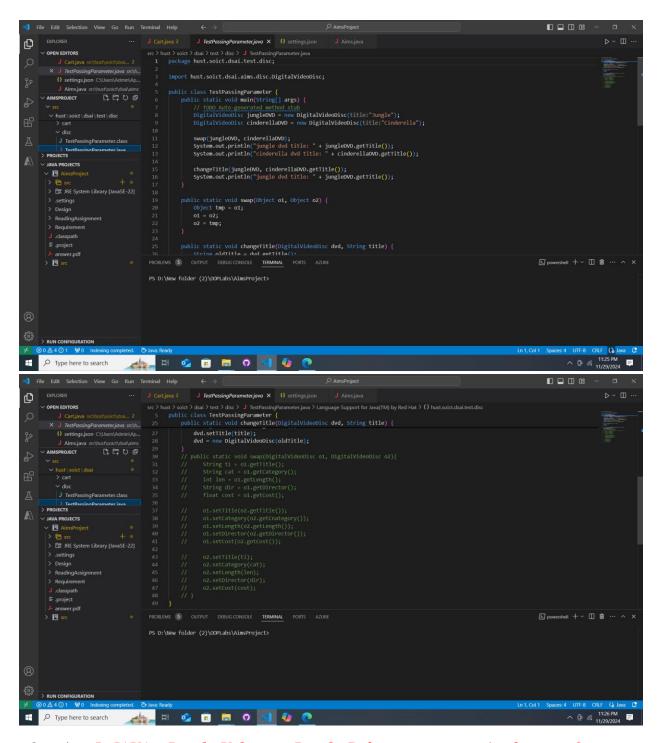


2. Working with the method overloading



-I prefer the first one because it is familiar to me.

3. Passing parameter



- Question: Is JAVA a Pass by Value or a Pass by Reference programming language?

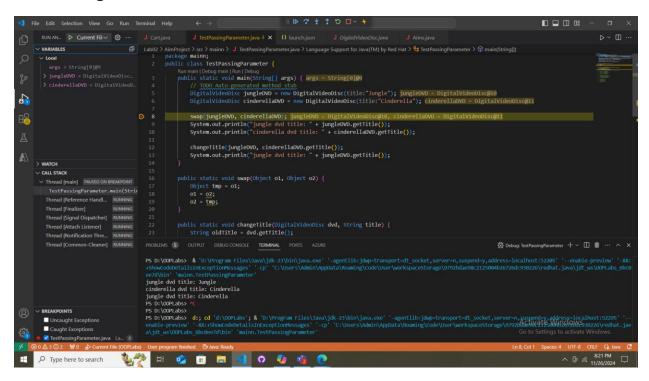
Answer: pass by value

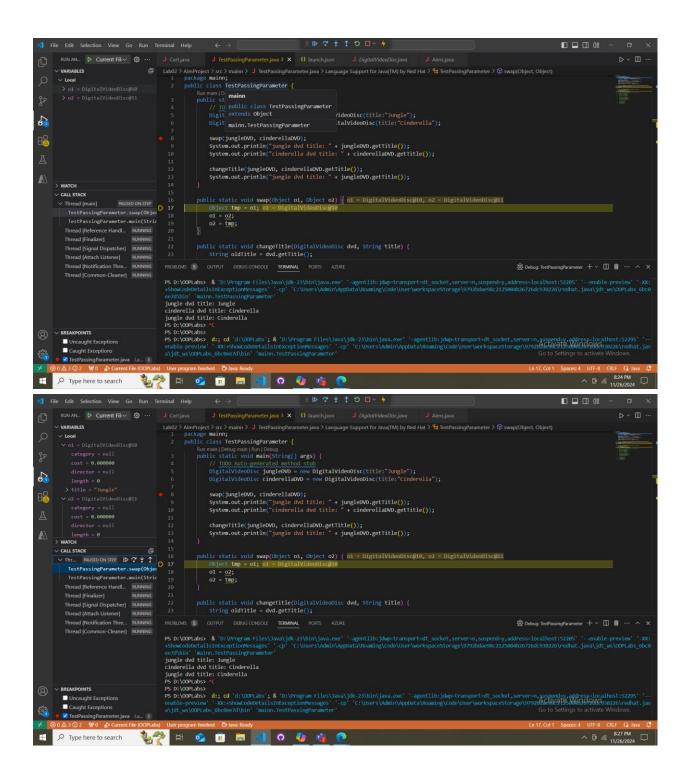
Questions:

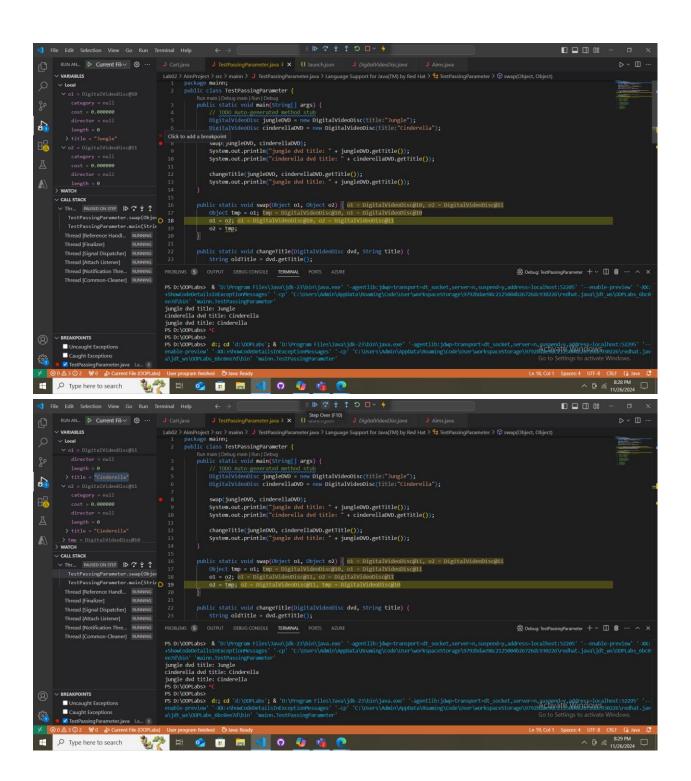
• After the call of swap (jungleDVD, cinderellaDVD) why does the title of these two objects still remain?

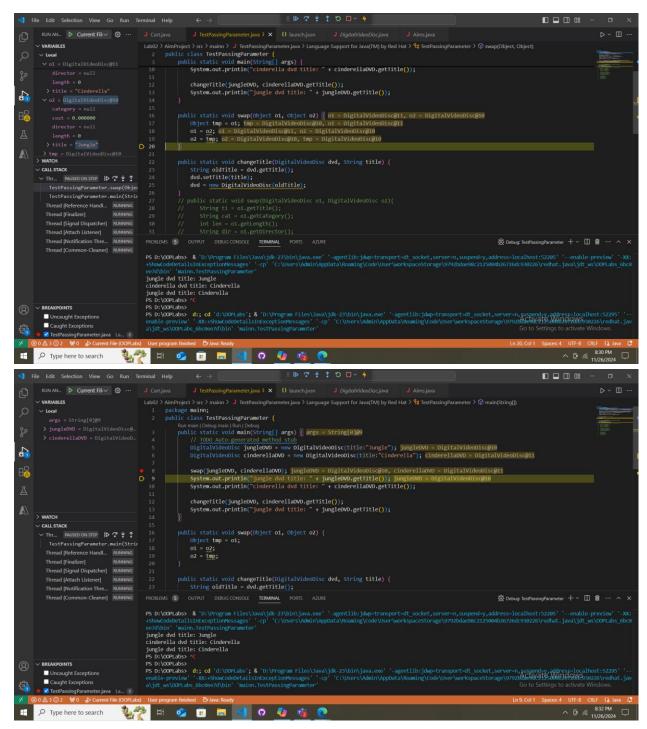
- Answer: Java swaps local references within the method but does not affect the original references outside the method. Therefore, the titles remain unchanged.
- After the call of changeTitle (jungleDVD, cinderellaDVD.getTitle()) why is the title of the JungleDVD changed?
 Answer: The object reference points to the same memory location, so changes made to the object inside the method are visible outside the method.

4.Use debug run

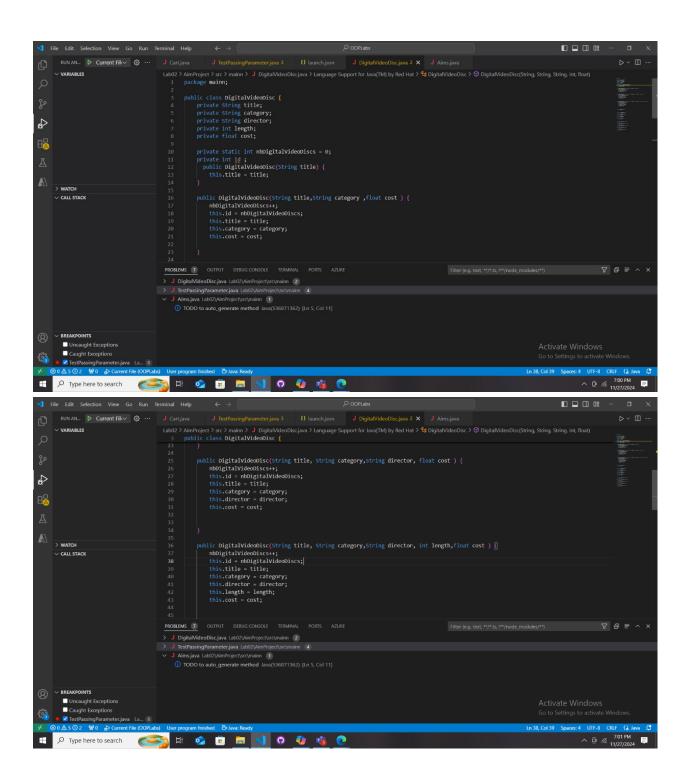


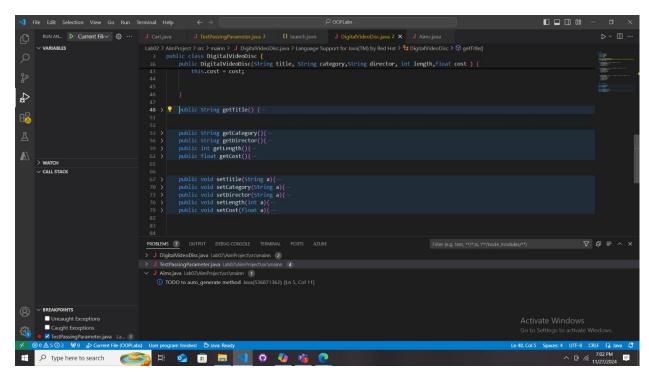






5. Classifier Member and Instance Member

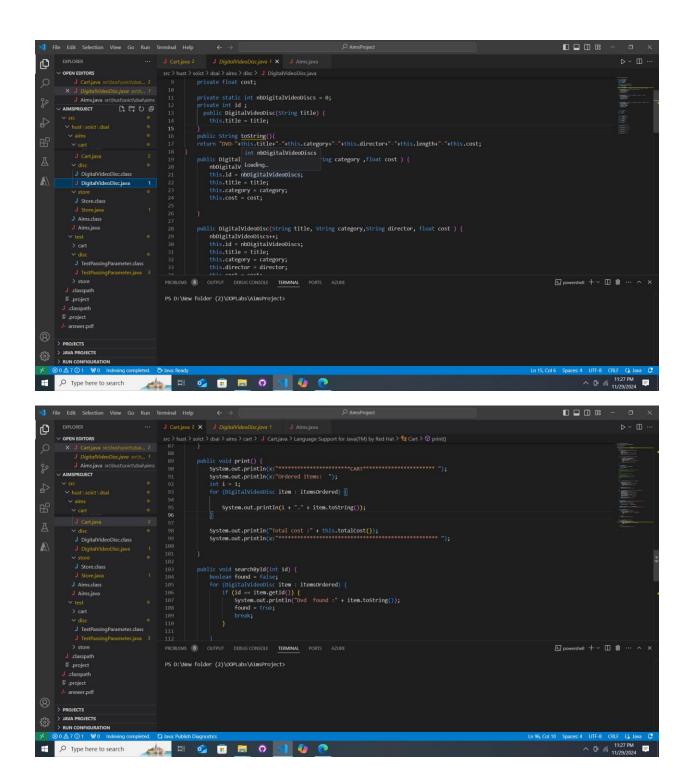




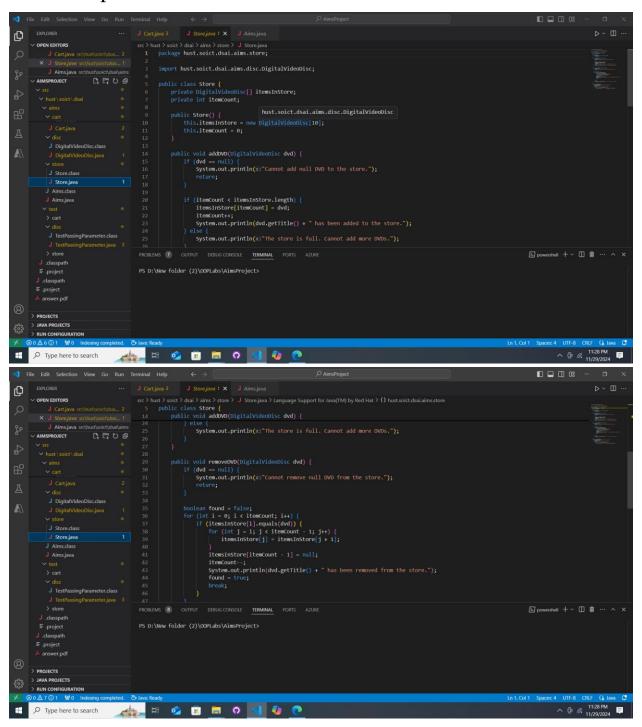
6. Open the Cart class

Write a **toString**() method for the **DigitalVideoDisc** class. What should be the return type of this method?

Answer: String



7. Implement the Store class



 $9.\ String, StringBuilder\ and\ StringBuffer$

