BÁO CÁO THỰC HÀNH LAB 2  
LẬP TRÌNH HƯỚNG ĐỐI TƯỢNG

# 1. UML & Astah

Text

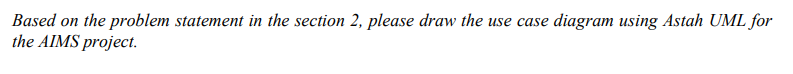
Description automatically generated

*Result:*

**Graphical user interface, application

Description automatically generated**

# 3. Use case diagram

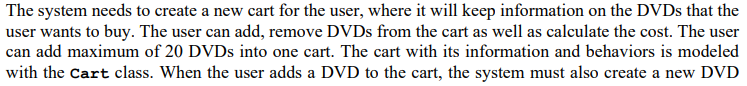


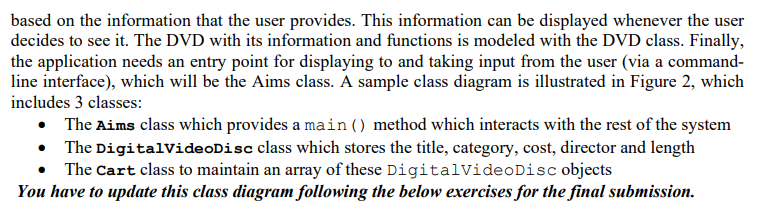
*Result:*

Diagram

Description automatically generated

# 4. UML Class Diagram for use cases related to cart management





*Result:*

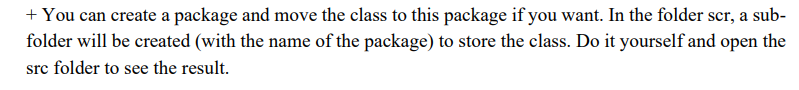
Diagram

Description automatically generated

# 5. Create Aims class

Text

Description automatically generated



*Result:*

A screenshot of a computer

Description automatically generated with medium confidence

# 6. Create the DigitalVideoDisc class and its attributes

Graphical user interface, text, application

Description automatically generated

*Result:*

A screenshot of a computer

Description automatically generated with medium confidence

# 7. Create accessors and mutators for the class DigitalVideoDisc

A screenshot of a computer

Description automatically generated with low confidence

*Result:*

A screenshot of a computer

Description automatically generated with medium confidence

# Reading Assignment



Answer:

it's okay for a method to return an object in terms of an interface that the object implements because that interface isolates you from changes to the implementing class.

The boundary-layer classes are loaded with accessor methods simply because the designers have no choice.

Timeline

Description automatically generated with medium confidence

# 8. UML & Astah

Text

Description automatically generated

*Result:*

A screenshot of a computer

Description automatically generated with medium confidence

# Question



Answer: We could not do this because JAVA doesn't allow us to create two constructors with same signature.



# 9. Create the Cart class to work with DigitalVideoDisc

Graphical user interface, text, application, email

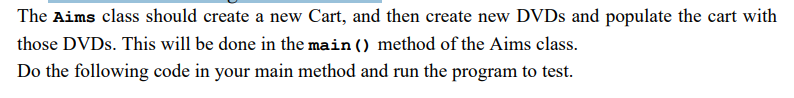
Description automatically generated

*Result:*

A screenshot of a computer

Description automatically generated with medium confidence

# 10. Create Carts of DigitalVideoDiscs

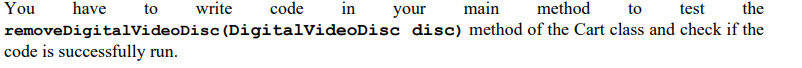


*Result:*

A screenshot of a computer

Description automatically generated with medium confidence

# 11. Removing items from the cart



*Result:*

A screenshot of a computer

Description automatically generated with medium confidence