BÁO CÁO THỰC HÀNH LAP 3  
LẬP TRÌNH HƯỚNG ĐỐI TƯỢNG

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# Nội dung thực hành

## Branch your repository

Create new branch: git checkout -b name

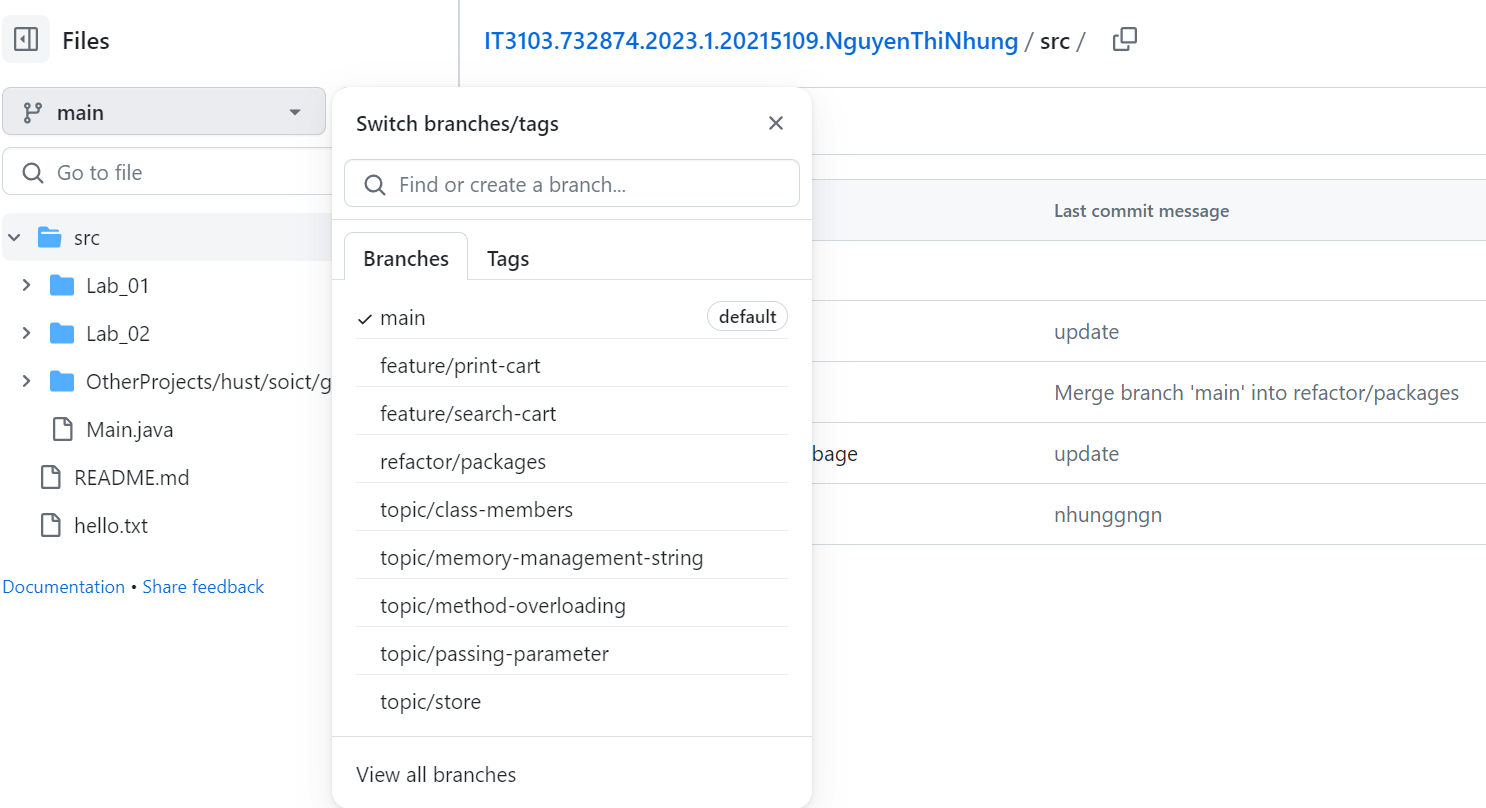


Figure : Branch

Merge the remote branch to the main branch:

A screenshot of a computer

Description automatically generated

Figure : Merge

## Working with method overloading

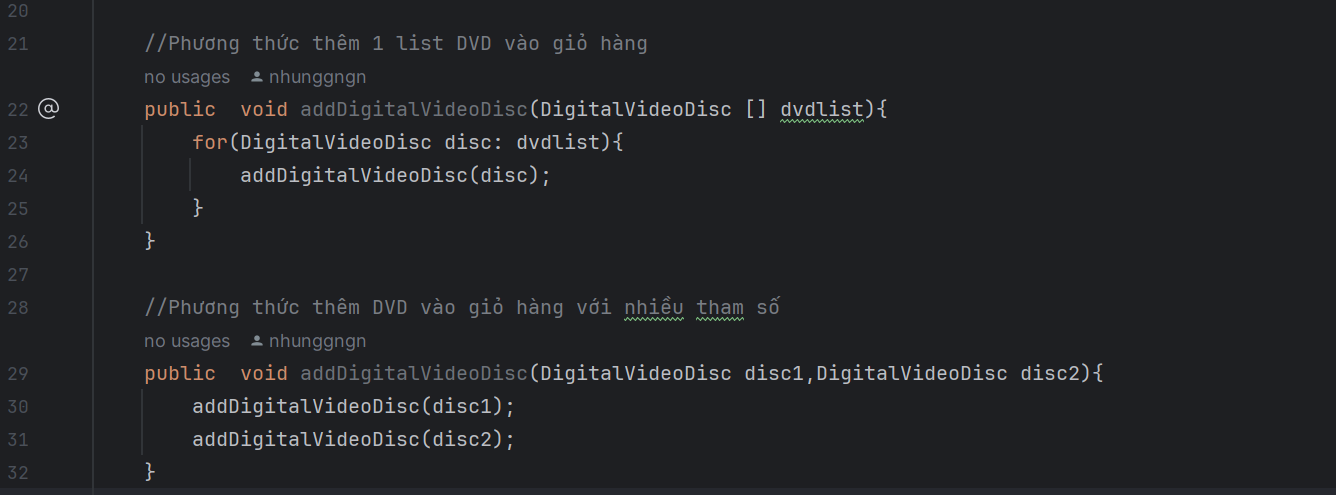


Figure : addDigitalVideoDisc

## Passing parameter

Mã nguồn ban đầu:

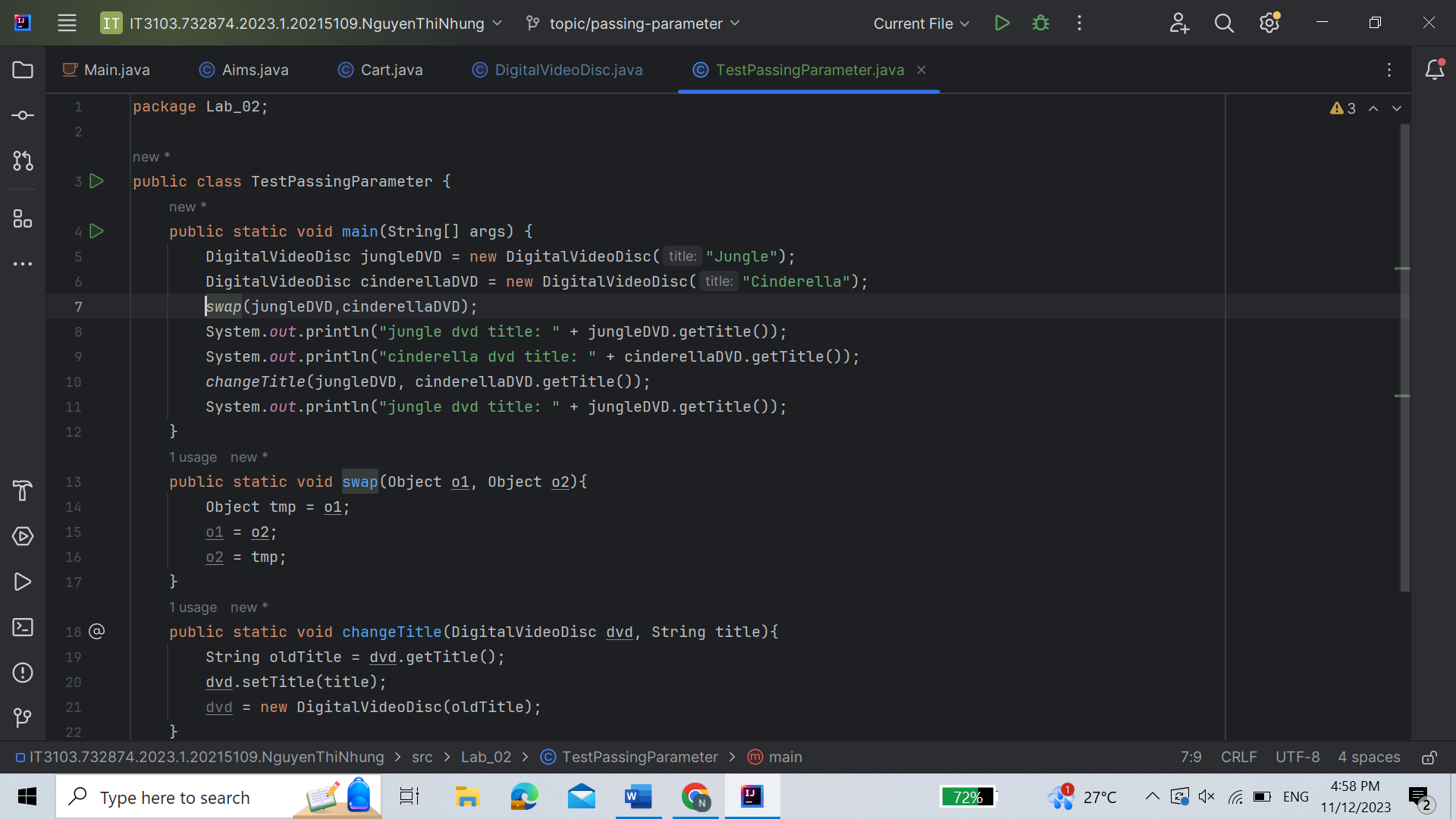


Figure : swap(1)

Kết quả:

A screen shot of a computer

Description automatically generated

Figure : Kết quả swap (1)

Mã nguồn mới:



Figure : swap(2) code

Kết quả:

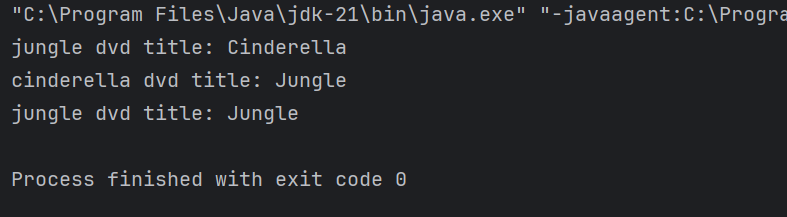


Figure : swap(2) result

## Use debug run:

A computer screen shot of text

Description automatically generated

Figure : A breakpoint is set

A screen shot of a computer program

Description automatically generated

Figure : The breakpoint is deleted

A screenshot of a computer

Description automatically generated

Figure : Deactivated breakpoint in Breakpoints View

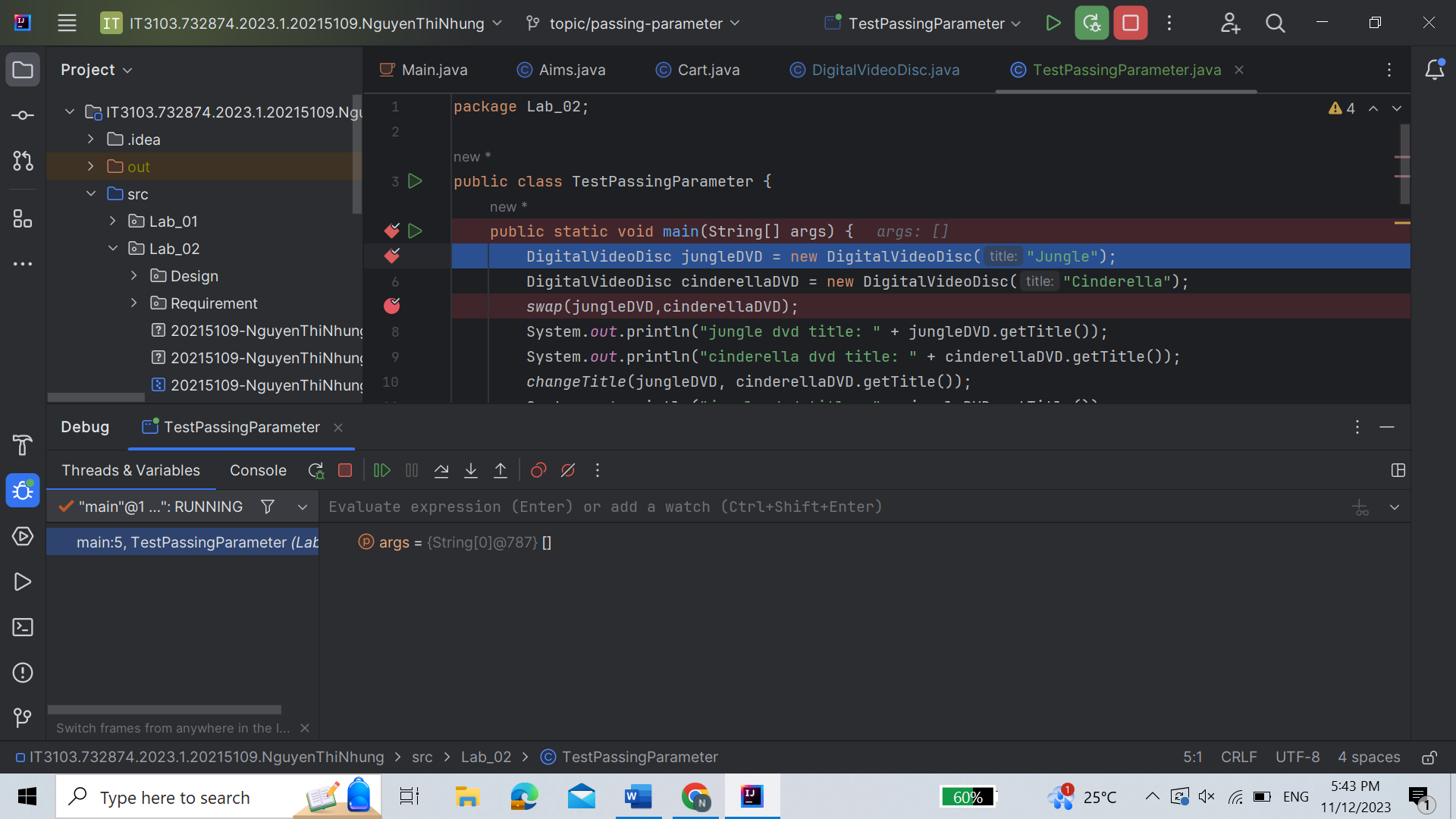


Figure : Debug mode

A screenshot of a computer

Description automatically generatedFigure : Variables shown in Variable View

A screenshot of a computer

Description automatically generated

Figure : Step into

A screenshot of a computer

Description automatically generated

Figure : Step over line 21 of swap function

A screenshot of a computer

Description automatically generated

Figure : Step over line 22 of swap function

A computer screen shot of a program

Description automatically generated

Figure : Step over line 23 of swap function

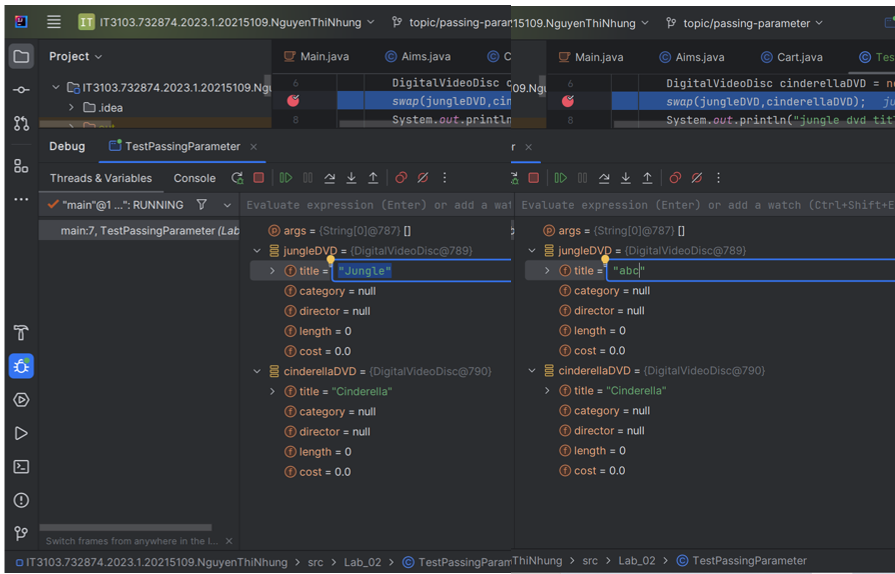


Figure : Change title of jungleDVD

A screen shot of a computer

Description automatically generated

Figure : Results

## Classifier Member and Instance Member

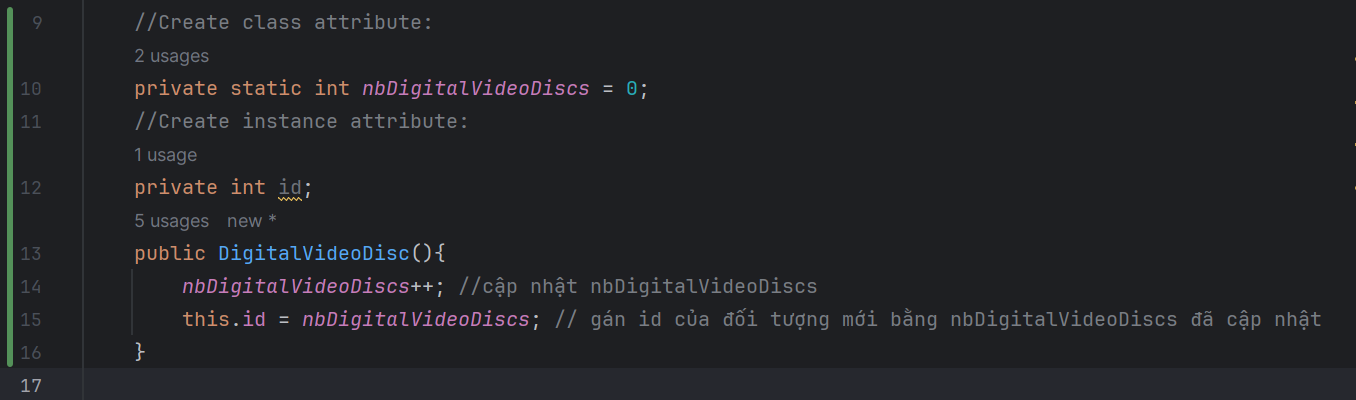


Figure : Create class attribute and instance attribute

A computer screen with text on it

Description automatically generated

Figure : Update the value

## Open the Cart class

### Create a new method to print the list of ordered items of a cart, the price of each item, and the total price.

A screen shot of a computer program

Description automatically generated

Figure : Code snippet for Print() methods

A screen shot of a computer program

Description automatically generated

Figure : Code snippet for CartTest

A screen shot of a computer

Description automatically generated

Figure : Results

### Search for DVDs in the cart by ID and display the search results.

A computer code with text

Description automatically generated with medium confidence

Figure : Code snippet for toString()

A screen shot of a computer program

Description automatically generated

Figure : Code snippet for search by ID

A screenshot of a computer

Description automatically generated

Figure : Results

### Search for DVDs in the cart by title and print the results.

A screen shot of a computer code

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Figure : Code snippet for isMatch

A computer screen shot of a program code

Description automatically generated

Figure : Code snippet for search by title

A screenshot of a computer

Description automatically generated

Figure : Results

## Implement the Store class

Mã nguồn:

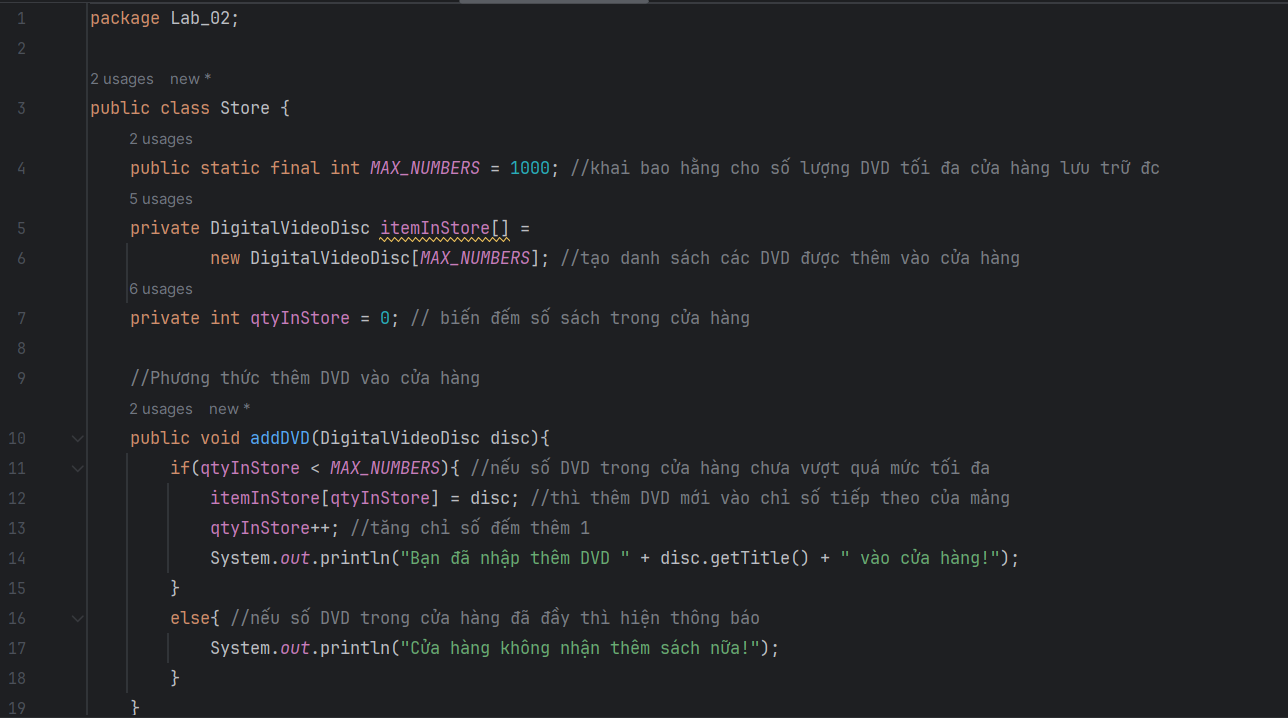


Figure : Code snippet for Store class (1)

A screen shot of a computer program

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Figure : Code snippet for Store class (2)



Figure : Code snippet for StoreTest

Kết quả:

A screen shot of a computer

Description automatically generated

Figure : Results

## Re-organize your projects

A screenshot of a computer

Description automatically generated

Figure : Structure

## String, StringBuilder and StringBuffer

A screen shot of a computer program

Description automatically generated

Figure : ConcatenationInLoops

A screen shot of a computer program

Description automatically generated

Figure : GarbageCreator

A screen shot of a computer program

Description automatically generated

Figure : NoGarbage (1)

A computer screen shot of a program code

Description automatically generated

Figure : NoGarbage (2)

# Update the use case diagram and the class diagram

A diagram of a computer

Description automatically generated with medium confidence

Figure : Class Diagram update