BÁO CÁO THỰC HÀNH LAB 2  
LẬP TRÌNH HƯỚNG ĐỐI TƯỢNG

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# **1. Các nhánh trong github**

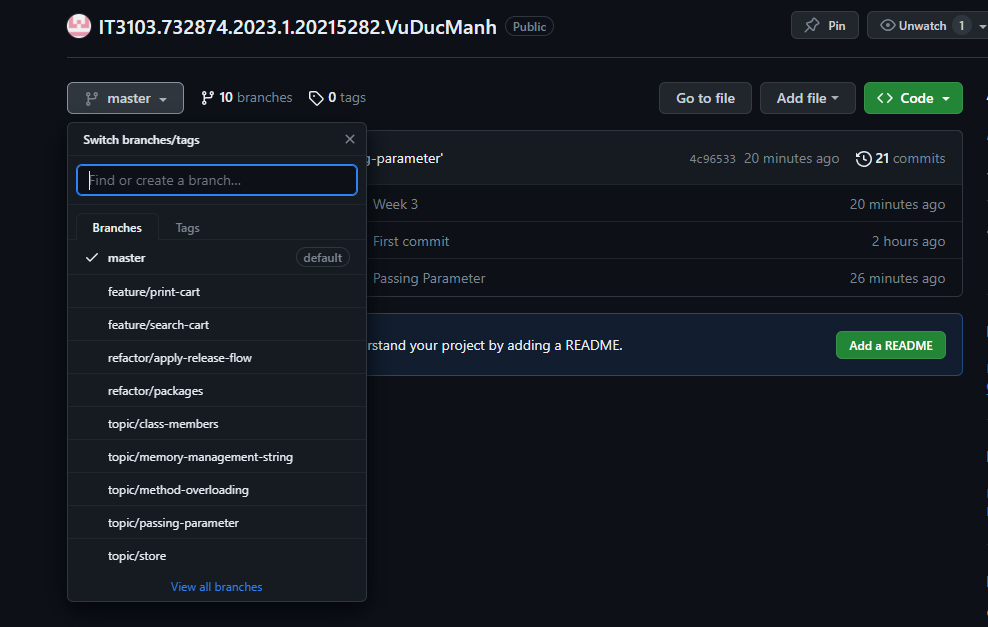


Figure 1: Create some branches

# **2. Working with method overloading**

## 2.1. Overloading by differing types of parameters

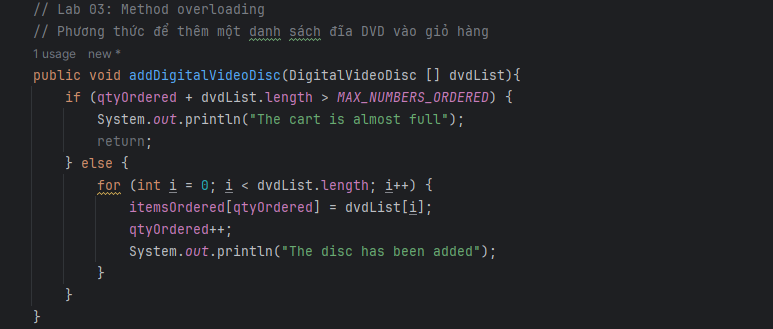
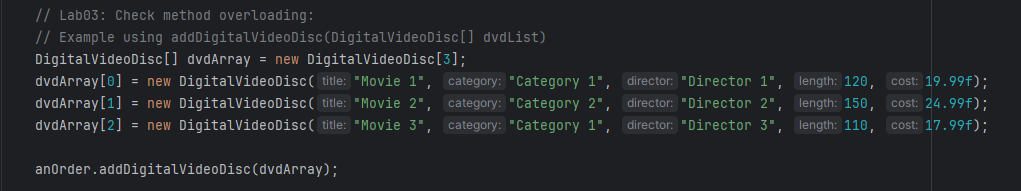


Figure 2: Method to add a list DVD to cart.



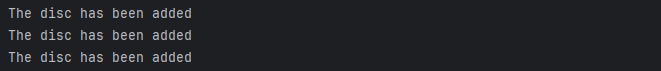


Figure 3: Check method to add a list DVD.

## 2.2. Overloading by differing the number of parameters.

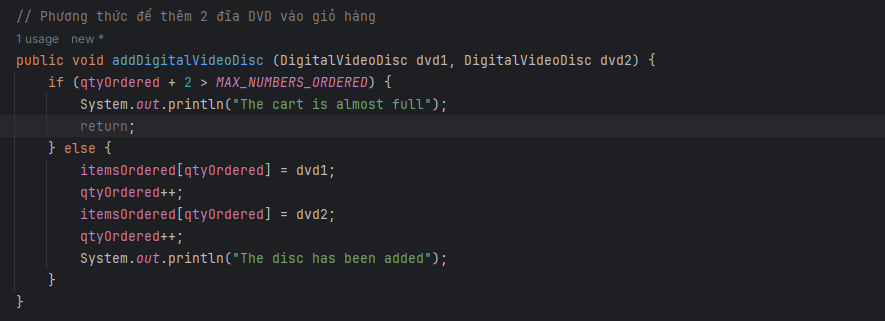


Figure 4: Method to add 2 DVDs to cart.

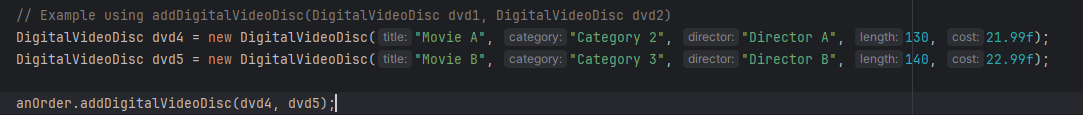


Figure 5: Check method to add 2 DVDs.



# **3. Passing parameter**

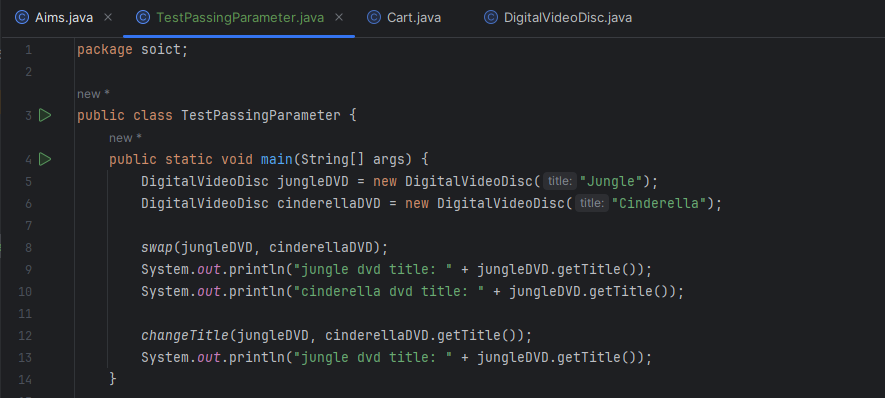


Figure 6: Create java class named TestPassingParameter

A screen shot of a computer program

Description automatically generated

Figure 7: Swap method and changeTitle method

A computer screen shot of a black screen

Description automatically generated

Figure 8: Result for running TestPassingParameter

# **4. Use debug run**

- Làm theo các bước trong hướng dẫn lab03:

* Setting, deleting & deactivate breakpoints
* Run in Debug mode
* Step Into, Step Over, Step Return, Resume
* Investigate value of variables
* Change value of variables

# **5. Classifier Member and Instance Member**

A screen shot of a computer program

Description automatically generated

Figure 9: Create attrbute ID

# **6. Open the Cart class**

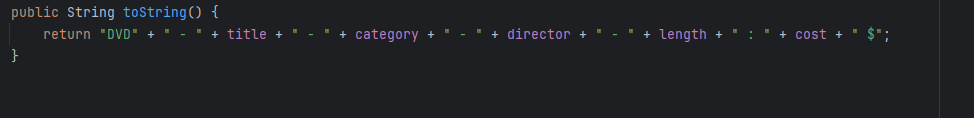


Figure 10: Write a method toString()

A screen shot of a computer program

Description automatically generated

Figure 11: Method to print

A black screen with white dots

Description automatically generated

Figure 12: Result for printing the cart

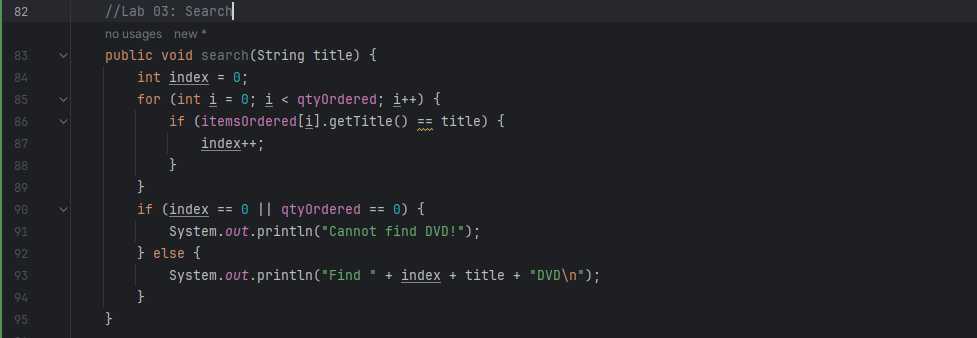


Figure 13: Method to search by title

A computer screen shot of a program code

Description automatically generated

Figure 14: Method search by ID

A screenshot of a computer program

Description automatically generated

Figure 15: Create getter and setter for ID

A computer screen with text

Description automatically generated

A black background with white stars

Description automatically generated

Figure 16: Result for finding DVD

A screenshot of a computer

Description automatically generated

Figure 17: CartTest class

# **7. Implement the Store class**

A screenshot of a computer

Description automatically generated

Figure 18: Attribultes of the store class

A computer code on a black background

Description automatically generated

Figure 19: Method addDigitalVideoDisc

A computer screen shot of a program code

Description automatically generated

Figure 20: Method removeDigitalVideoDisc

A screen shot of a computer

Description automatically generated

Figure 21: Method to caculate totalCost

A screenshot of a computer program

Description automatically generated

Figure 22: The StoreTest Class

# **8. Re-organize your projects**

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generated

Figure 23: My project after reorganize

# **9. String, StringBuilder and StringBuffer**



A screen shot of a computer

Description automatically generated

Figure 24: ConcatenationInLoops Class and result

A screen shot of a computer

Description automatically generated

A screen shot of a computer

Description automatically generated

A screen shot of a computer program

Description automatically generated

Figure 25: GaebageCreator Class, result and change code