BÁO CÁO THỰC HÀNH LAB 3 LẬP TRÌNH HƯỚNG ĐỐI TƯỢNG

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# Working with method overloading

### Overloading by differing types of parameter

### 

Figure 1 Method addDigitalVideoDisc(DigitalVideoDisc [] dvdList)

### Overloading by differing the number of parameters

### 

Figure 2 Method addDigitalVideoDisc(DigitalVideoDisc dvd1,DigitalVideoDisc dvd2)

# Passing parameter

## Code:

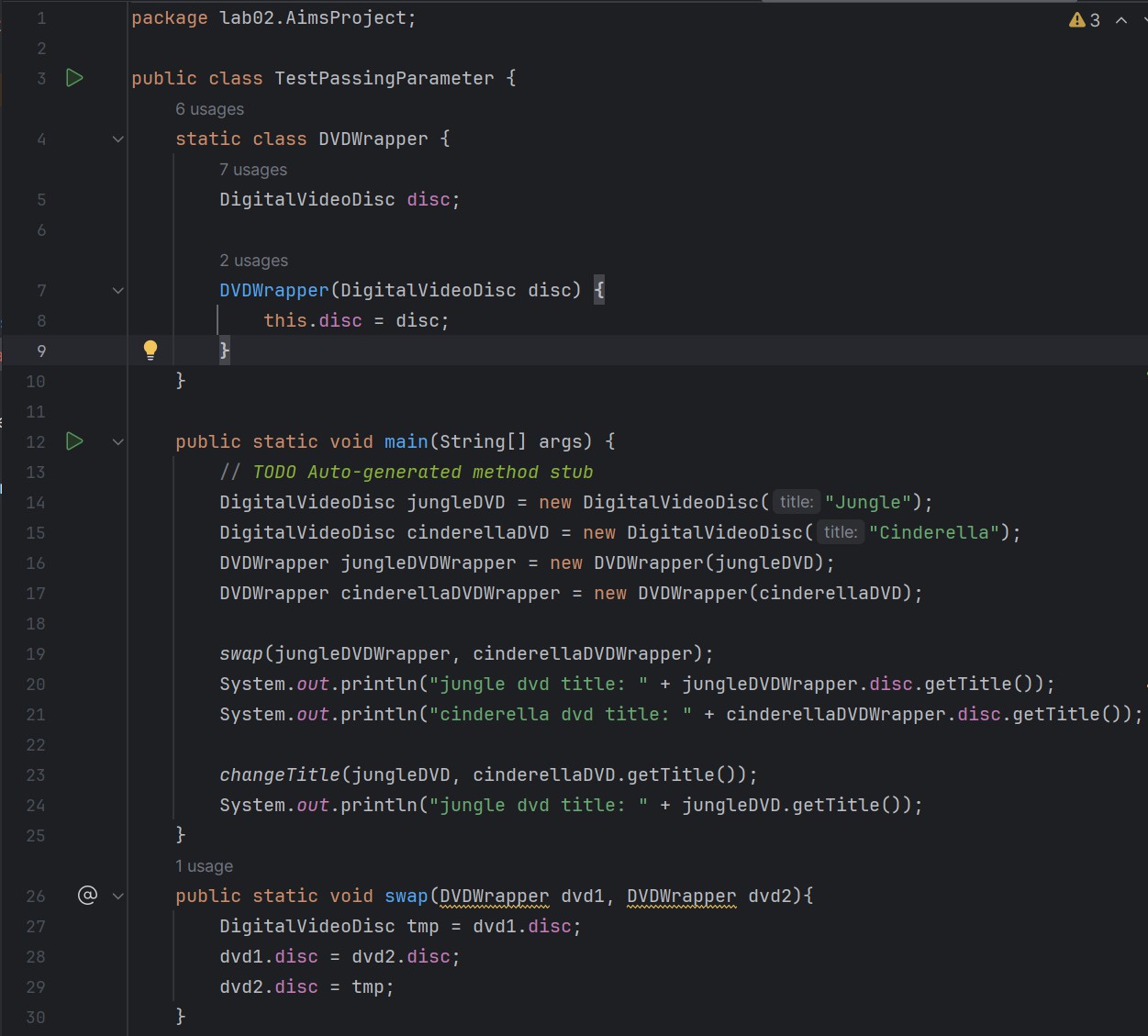


Figure 3 Passing parameter code

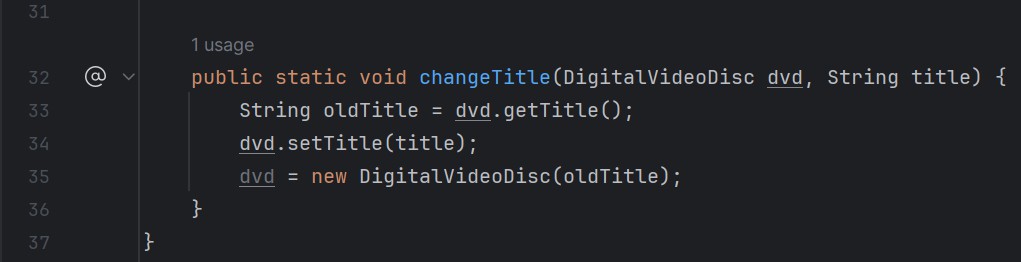


Figure 4 Passing parameter code

## Result:

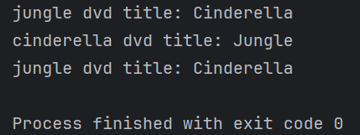
****

Figure 5 Passing parameter result

# Classifier Member and Instance Member

## Code:



Figure 6 Classifier Member and Instance Member Code

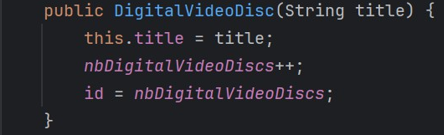


Figure 7 Classifier Member and Instance Member Code



Figure 8 Classifier Member and Instance Member Code

## Result:

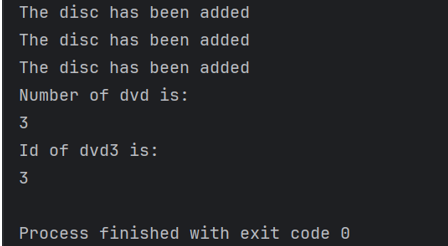
****

Figure 9 Classifier Member and Instance Member Result

# Open the Cart class

## Code:

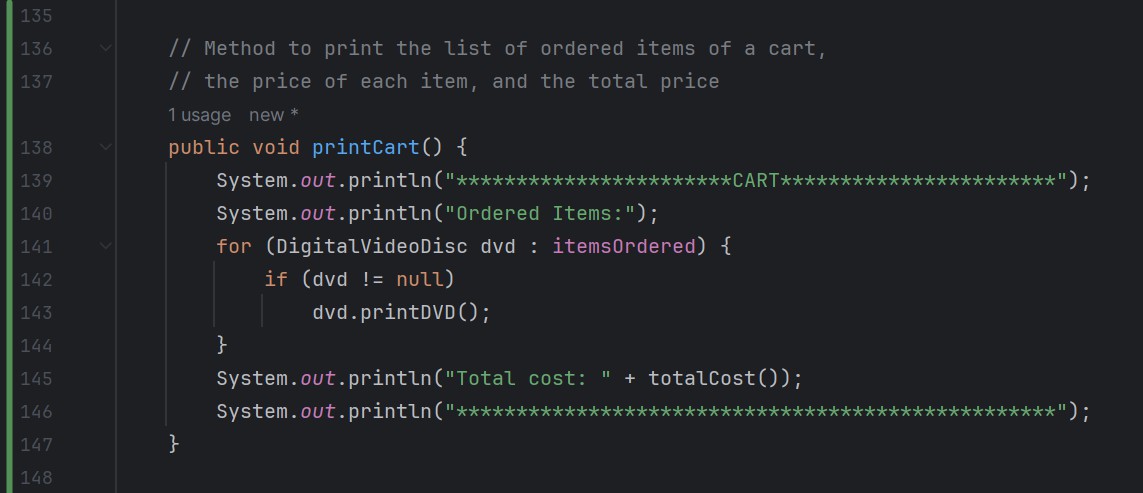


Figure 10 Method in class Cart to print the list

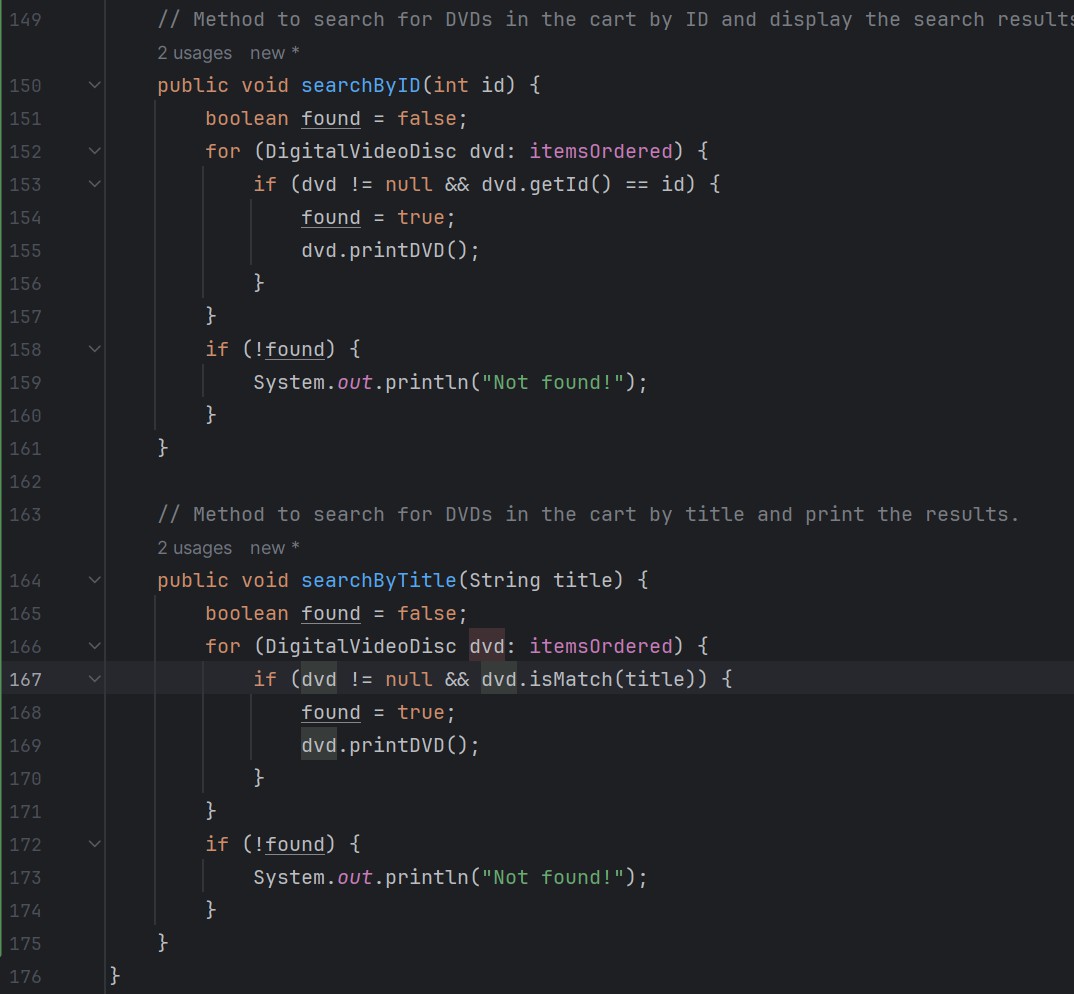


Figure 11 Method in class Cart to search

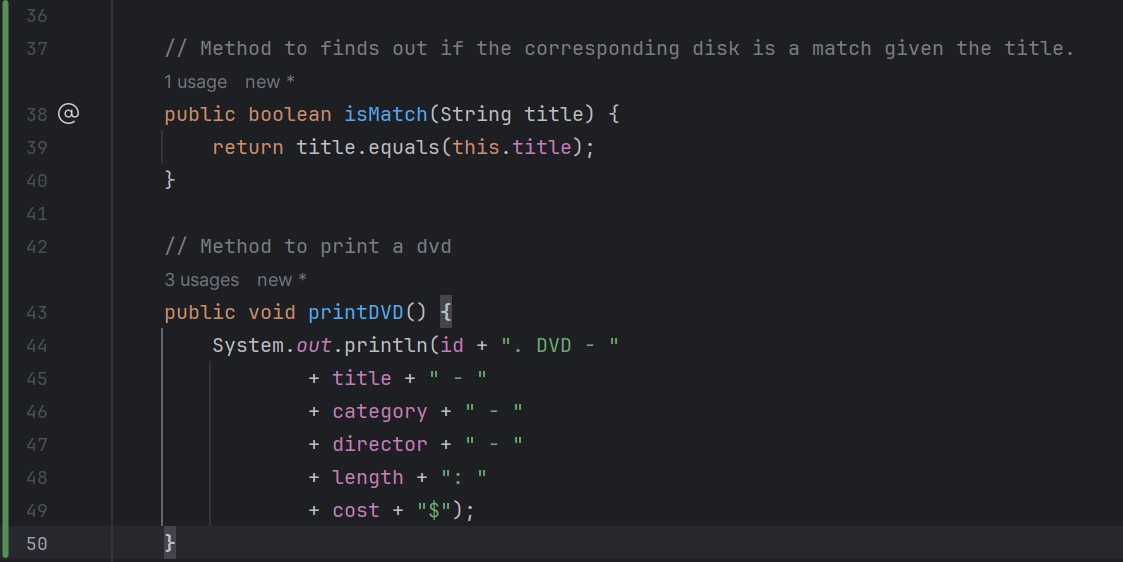


Figure 12 Method in class DigitalVideoDisc to check title and print a dvd

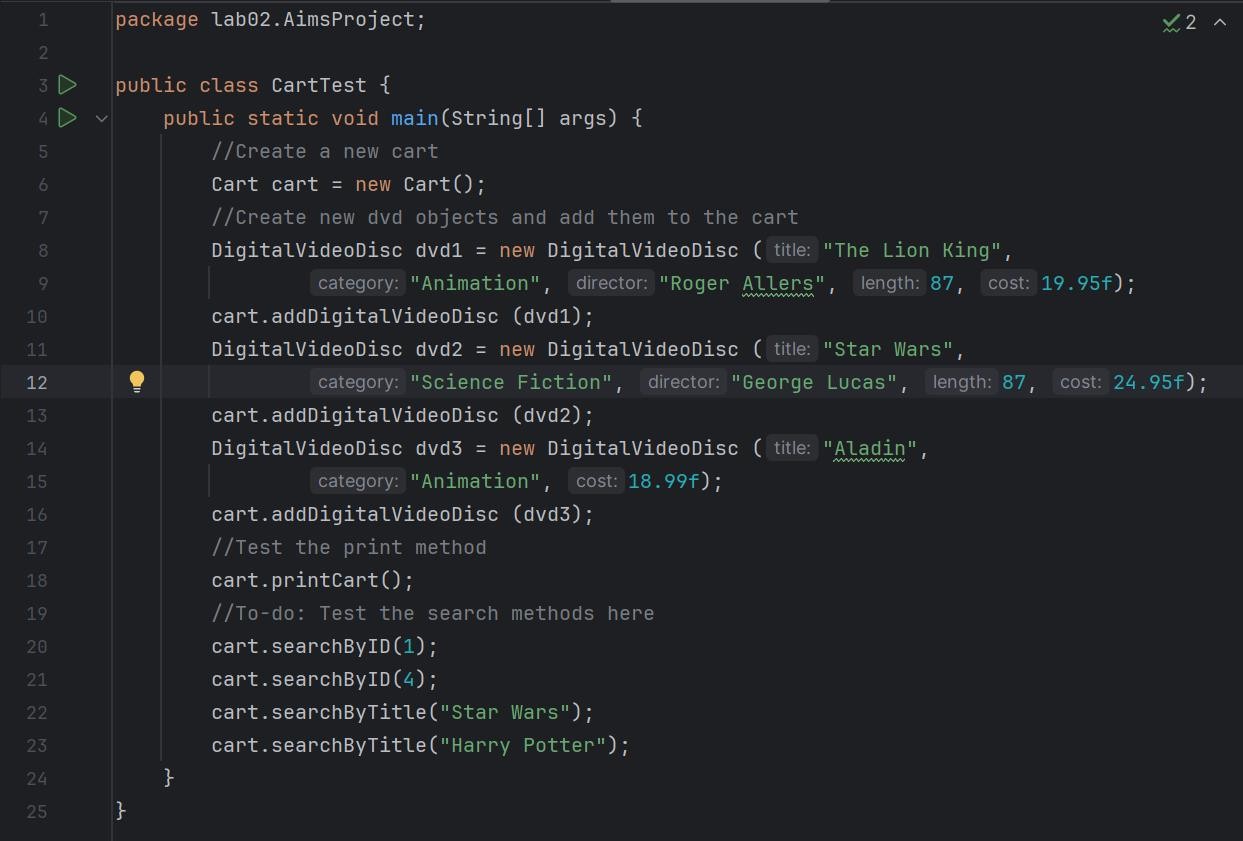


Figure 13 Test code

## Result:

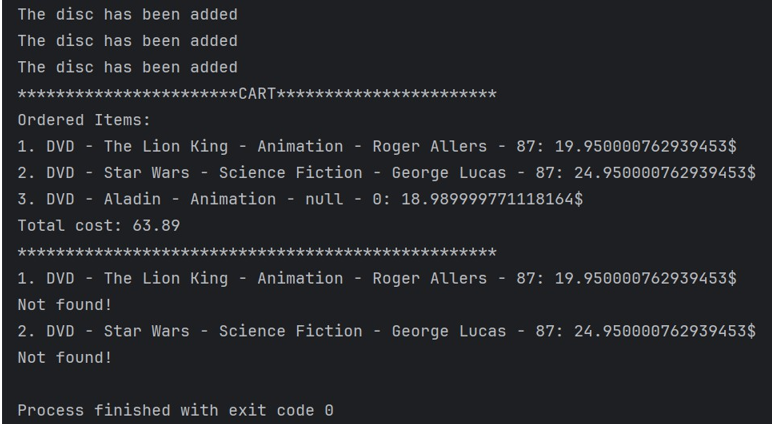


Figure 14 Result Open the Cart class

# Implement the Store class

## Code:



Figure 15 Code class Store

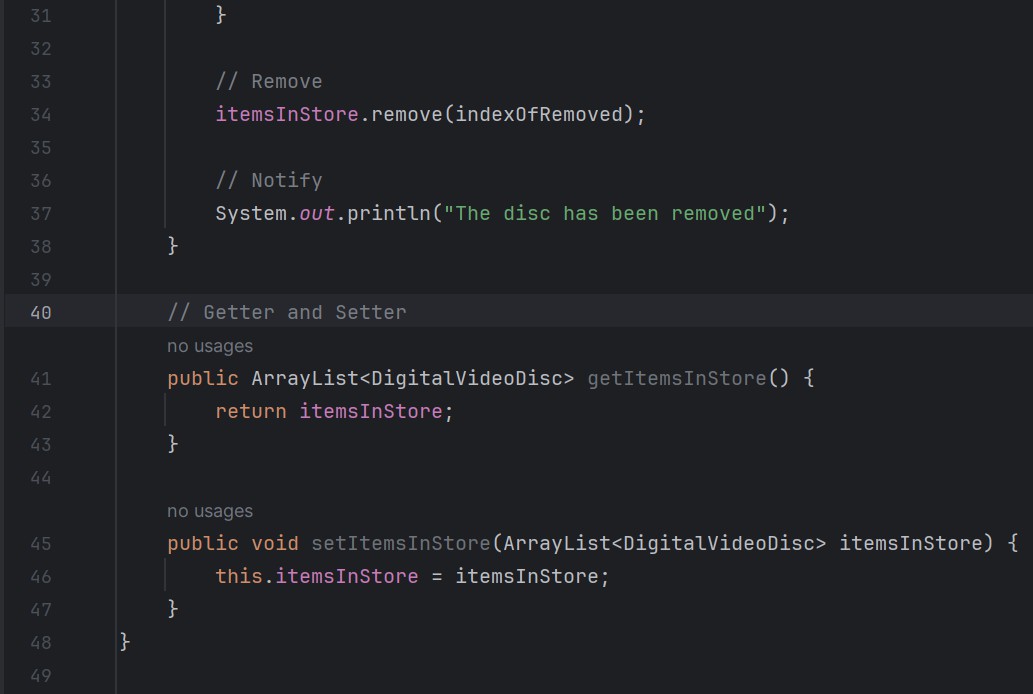


Figure 16 Code class Store

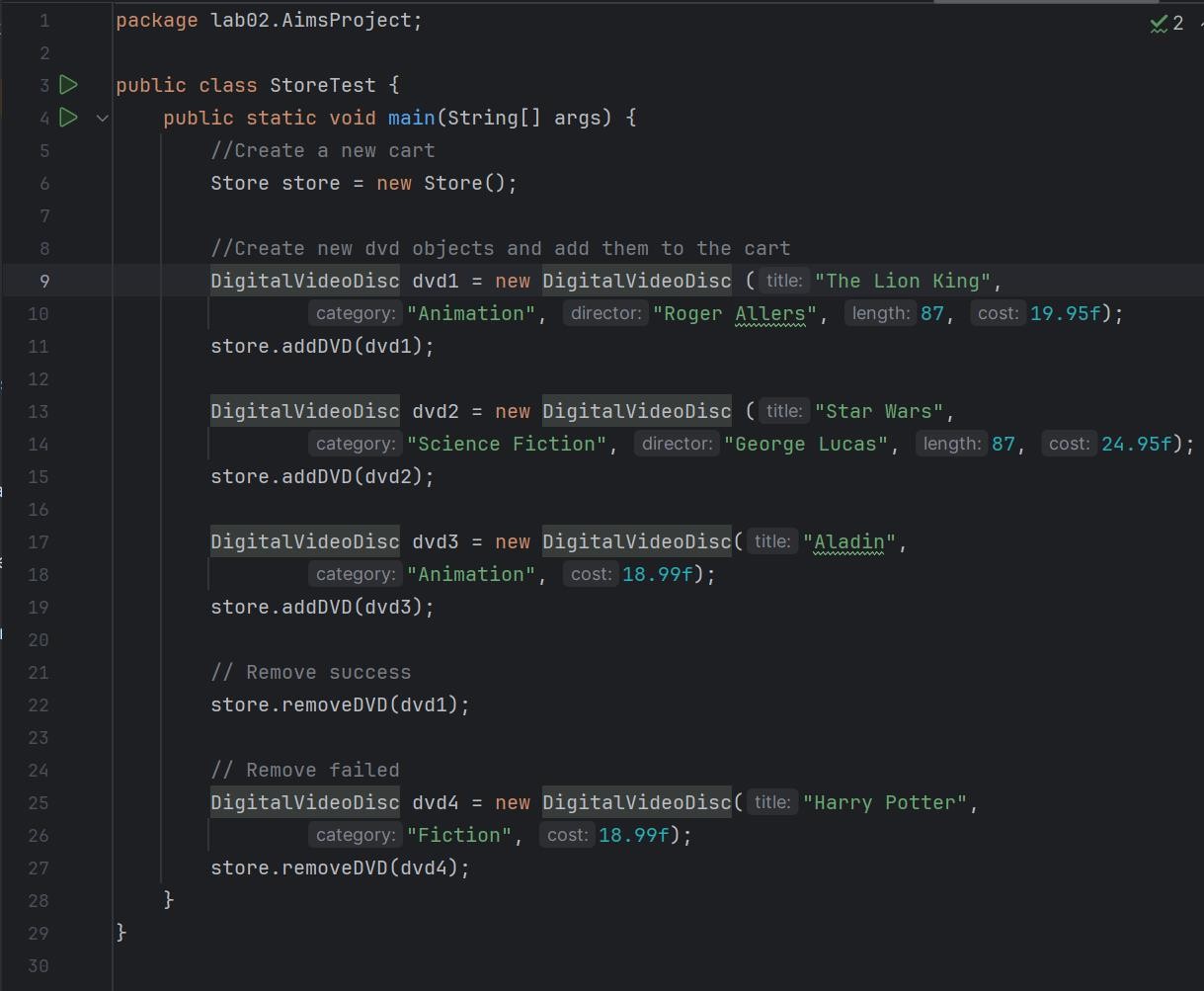


Figure 17 Code test class Store

## Result:

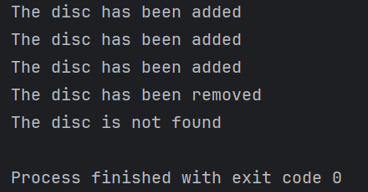
****

Figure 18 Result Implement the Store class

# String, StringBuilder and StringBuffer

## Code:

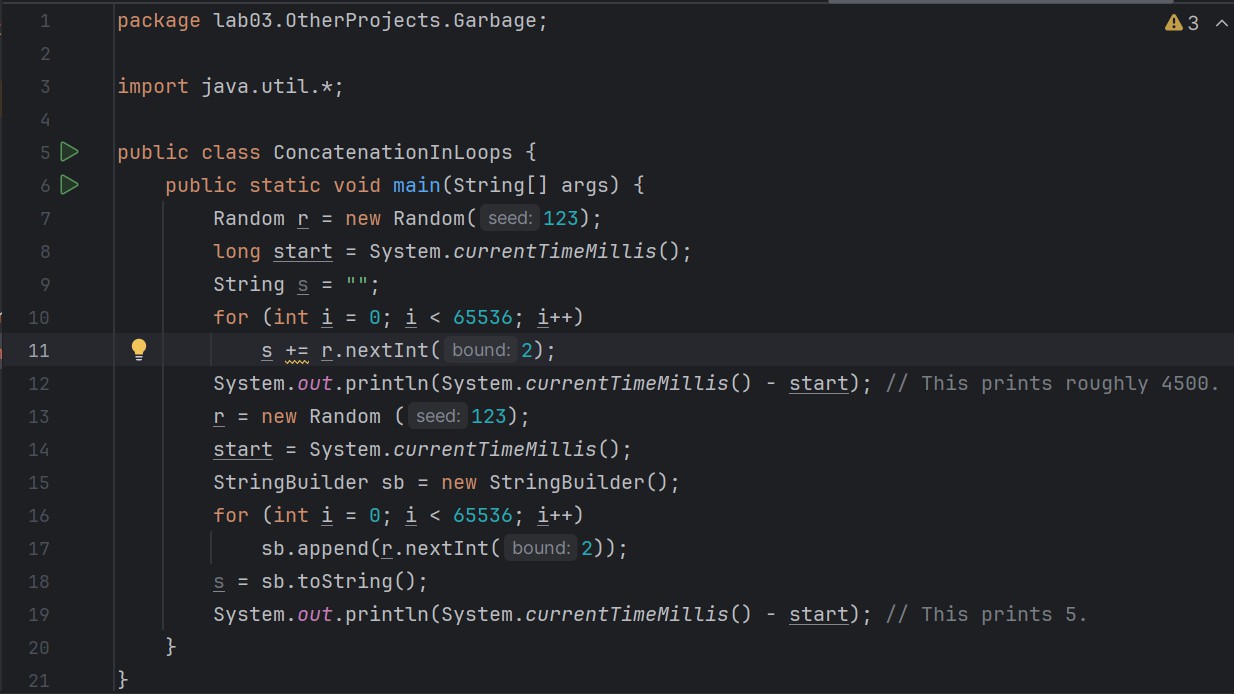


Figure 19 Code ConcatenationInLoops

## Result:

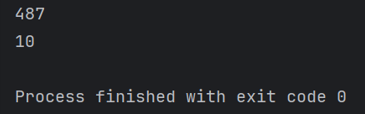
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Figure 20 Result ConcatenationInLoops

# Answer the Question

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

=> JAVA is a Pass by Value programming language.

# Class Diagram

