BÁO CÁO THỰC HÀNH LAB 03

THỰC HÀNH LẬP TRÌNH HƯỚNG ĐỐI TƯỢNG

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# Working with method overloading

## Overloading by differing types of parameter

### Code

A computer screen shot of text

Description automatically generated

Figure 1 Method addDigitalVideoDisc(DigitalVideoDisc [] dvdList)

A computer screen shot of text

Description automatically generated

Figure 2 Aims Class

### Result

A black background with white text

Description automatically generated

Figure 3 Result

## Overloading by differing the number of parameters

### Code

A screen shot of a computer code

Description automatically generated

Figure 4 Method addDigitalVideoDisc(DigitalVideoDisc dvd1, DigitalVideoDisc dvd2)

A computer code on a black background

Description automatically generated

Figure 5 Aims Class

Result

A black background with white text

Description automatically generated

Figure 6 Result

# Passing parameter

## Code

A screen shot of a computer program

Description automatically generated

Figure 7 Passing parameter code

## Result

A black background with white text

Description automatically generated

Figure 8 Passing parameter result

# Class Member and Instance Member

## Code

Figure 9 Class member and Instance member

## Result

Figure 10 Result

# Open the Cart class

## Code

Figure 11 Code method to print the content in Cart

Figure 12 Code method search by id

Figure 13 Code method search by title

Figure 14 IsMatch() in DigitalVideoDisc class

## Result

Figure 15 CartTest class

Figure 16 Result

# Implement the Store class

## Code

Figure 17 Store Class

## Result

Figure 18 StoreTest class

Figure 19 Result

# String, StringBuilder and StringBuffer

## Code

## Result

Figure 20 So sánh String và StringBuilder

Figure 21 GarbageCreator class

Figure 22 Result: program hangs

Figure 23 NoGarbage class

Figure 24 Result: Program finishes quickly

# 7 Class Diagram

Figure 25 Class Diagram

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