**Report Object-Oriented Programming**

Lab 03: Basic Object-Oriented Techniques

# 2. Working with method overloading

2.1. Overloading by differing types of parameter

A computer code with many colored text

Description automatically generated with medium confidence

## 2.2. Overloading by differing the number of parameters

A computer code with black text

Description automatically generated

# 3. Passing parameter

A screenshot of a computer program

Description automatically generated

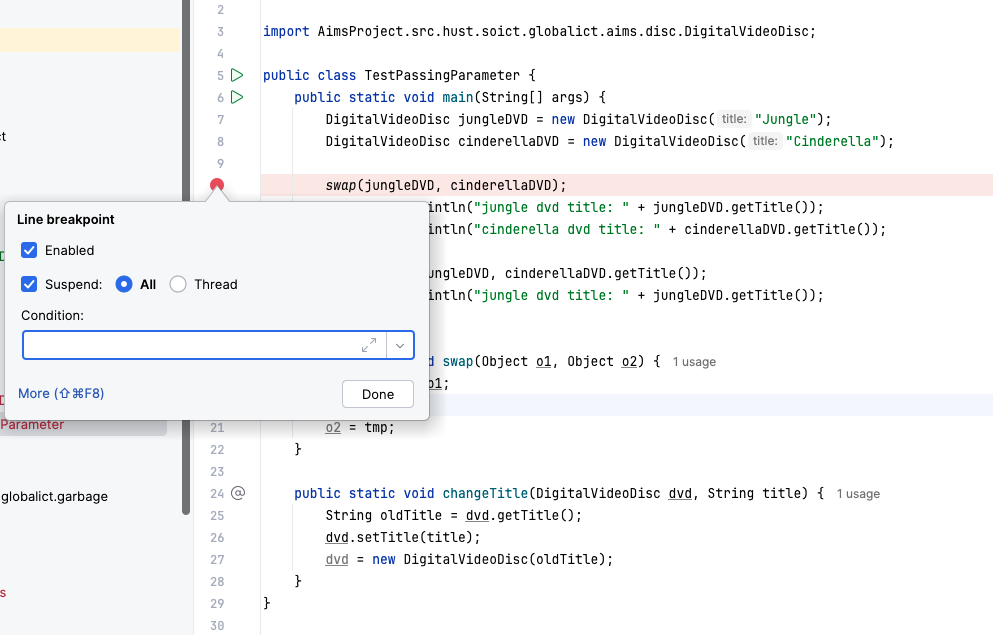
Result:

A screen shot of a computer

Description automatically generated

4. Use debug run

## Debug run for the swap method of TestPassingParameter



## Run in Debug mode:

A screen shot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated

1. Classifier Member and Instance Member

A screenshot of a computer program

Description automatically generated

# Open the Cart class

A computer code with green and purple text

Description automatically generated

A screenshot of a computer program

Description automatically generated

A screen shot of a computer program

Description automatically generated

CartTest:

A screenshot of a computer

Description automatically generated

Result:

A screen shot of a computer

Description automatically generated

# Implement the Store class

A screenshot of a computer program

Description automatically generated

A screenshot of a computer program

Description automatically generated

# Re-organize your projects

A screenshot of a computer

Description automatically generated

## String, StringBuilder and StringBuffer

GarbageCreator:

A screenshot of a computer

Description automatically generated

NoGarbage:

A screenshot of a computer

Description automatically generated

ConcatenationInLoops:

A screenshot of a computer program

Description automatically generated



Result:

A screenshot of a computer

Description automatically generated