LAB REPORT

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1. Branch repository: A screenshot of a computer

   Description automatically generated
2. Working with method overloading
   1. Overloading by differing types of parameter: A screen shot of a computer code

      Description automatically generated with low confidence
   2. Overloading by differing the number of parameters:

A picture containing text, screenshot, font

Description automatically generated

1. Passing parameter:

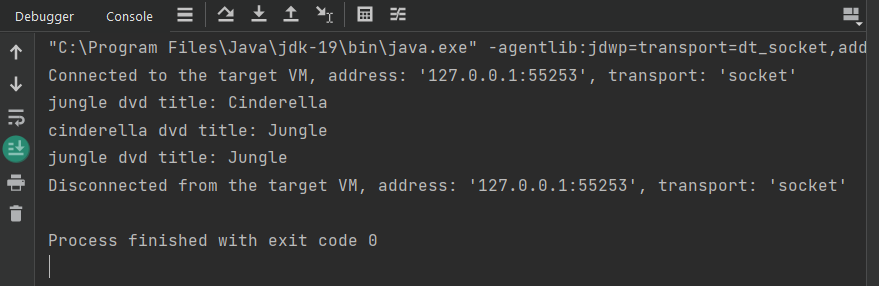
- Question: Is JAVA a Pass by Value or a Pass by Reference programming language?

-Answer: JAVA is a Pass by Value language.

A screen shot of a computer program

Description automatically generated with low confidence

1. Use debug run:
   1. Debugging Java in Eclipse
   2. Example of debug run for the swap method of TestPassingParameter:



* + 1. Setting, deleting & deactivate breakpoints:

A screen shot of a computer program

Description automatically generated with low confidence

* + 1. Run in Debug mode:
    2. Step Into, Step Over, Step Return, Resume:
    3. Investigate value of variables:

A screenshot of a computer program

Description automatically generated with medium confidence

* + 1. Change value of variables:

1. Classifier Member and Instance Member

A screen shot of a computer code

Description automatically generated with medium confidence

1. Open the Cart class

**Suggestion**: Write a **toString()** method for the **DigitalVideoDisc** class. What should be the return type of this method?

**Answer**: toString() method should be String return type.

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A screen shot of a computer program

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A screen shot of a computer

Description automatically generated with medium confidence

1. Implement the Store class



1. Re-organize your projects

A screenshot of a computer program

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1. String, StringBuilder and StringBuffer

A screen shot of a computer program

Description automatically generated with low confidence

1. Release flow demonstration
   1. Hypothesis
   2. Demonstration