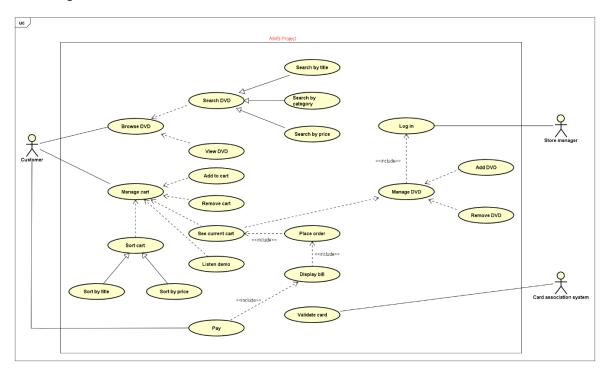
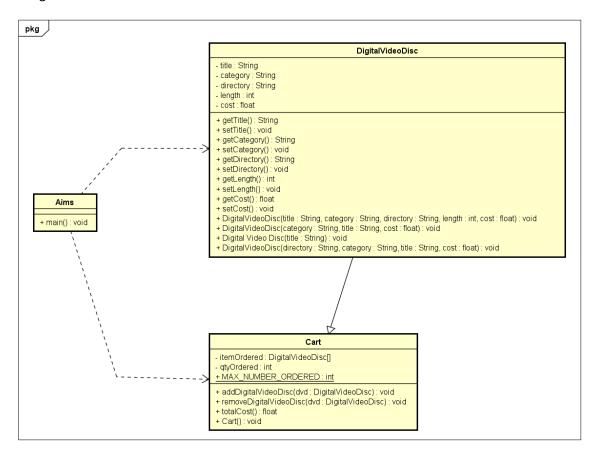
# Lab 02 Report

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# 1. Use case diagram



# 2. Class diagram



## 3. AIMS class

#### Source code:

```
class Aims {
    Run|Debug
    public static void main(String[] args) {
        Cart anOrder = new Cart();

        DigitalVideoDisc dvd1 = new DigitalVideoDisc(title:"The Lion King", category:"Animation", directory:"Roger Allers", length:87, co
        anOrder.addDigitalVideoDisc(dvd1);

        DigitalVideoDisc dvd2 = new DigitalVideoDisc(title:"Star Wars", category:"Science Fiction", directory:"George Lucas", length:87,
        anOrder.addDigitalVideoDisc(dvd2);

        DigitalVideoDisc dvd3 = new DigitalVideoDisc(category:"Animation", title:"Aladin", cost:18.99f);
        anOrder.addDigitalVideoDisc(dvd3);

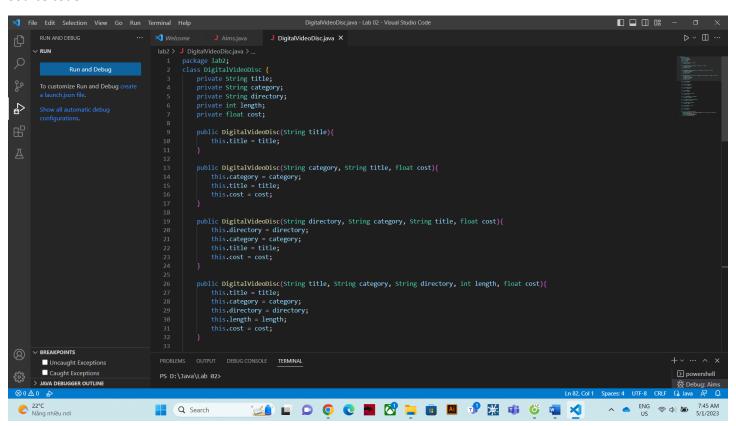
        System.out.println(x:"Total cost is:");
        System.out.printf(format:"%.3f", anOrder.totalCost());
    }
}
```

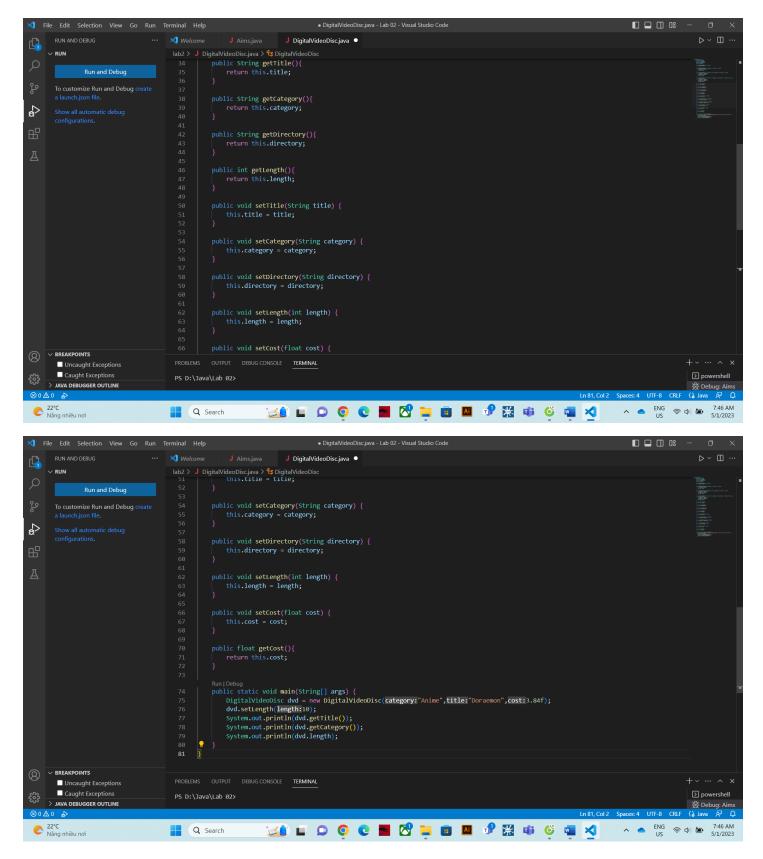
## Running:

```
PS D:\Java\Lab 02> & 'C:\Program Files\Java\jdk-20\bin\java.exe' '-agentlib:jdwp=transport=dt_socket,server=n,suspend=y,address=localhost:53796' '-enable-preview' '-XX:+ShowCodeDetailsInExceptionMessages' '-cp' 'C:\Users\PC\AppData\Roaming\Code\User\workspaceStorage\81da2d076535a535d211ef1f739 48d1b\redhat.java\jdt_ws\Lab 02_fd7c39e9\bin' 'lab2.Aims'
An cart has been created
The disc has been added
The disc has been added
The disc has been added
Total cost is:
63.890
PS D:\Java\Lab 02>
```

#### 4. DigitalVideoDisc class

#### Source code:





# 5. Cart class

