

CMSC203 Lab 1 Template

Class: CMSC203 CRN 32689

Program: Lab 1

Instructor: Dr. Grinberg

Summary of Description: Make UML diagram which describe the relationship between classes

Due Date: 02/19/2024

Integrity Pledge: I pledge that I have completed the programming assignment independently.

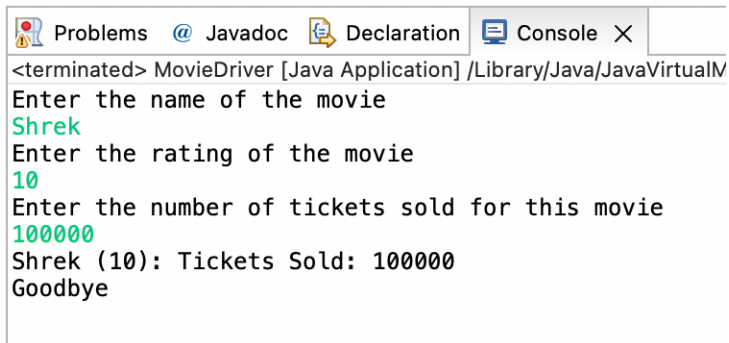
I have not copied the code from a student or any source.

Student's Name: Sousanna Chugunova

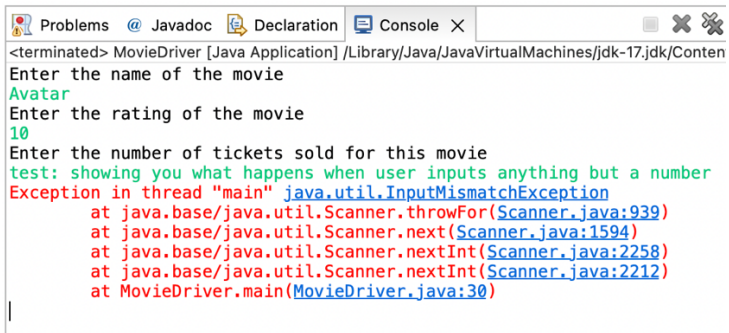
Complete the following three parts of Lab 1. Name your file as FirstInitialLastName_Lab1.docx

Task 1

Provide the screen shots from Task 1 here:



```
<terminated> MovieDriver [Java Application] /Library/Java/JavaVirtualMachines/
Enter the name of the movie
Shrek
Enter the rating of the movie
10
Enter the number of tickets sold for this movie
100000
Shrek (10): Tickets Sold: 100000
Goodbye
```



```
<terminated> MovieDriver [Java Application] /Library/Java/JavaVirtualMachines/jdk-17.jdk/Content
Enter the name of the movie
Avatar
Enter the rating of the movie
10
Enter the number of tickets sold for this movie
test: showing you what happens when user inputs anything but a number
Exception in thread "main" java.util.InputMismatchException
    at java.base/java.util.Scanner.throwFor(Scanner.java:939)
    at java.base/java.util.Scanner.next(Scanner.java:1594)
    at java.base/java.util.Scanner.nextInt(Scanner.java:2258)
    at java.base/java.util.Scanner.nextInt(Scanner.java:2212)
    at MovieDriver.main(MovieDriver.java:30)
```

Submit both Java files from Task 1, even though you have not changed Movie.java

Task 2

Provide the screen shots from Task 2 here:

```
Enter the name of the movie
Alien
Enter the rating of the movie
8
Enter the number of tickets sold for this movie
200
Alien (8): Tickets Sold: 200
Do you want to enter another movie? (yes/no)
yes
Enter the name of the movie
Interstellar
Enter the rating of the movie
3
Enter the number of tickets sold for this movie
900
Interstellar (3): Tickets Sold: 900
Do you want to enter another movie? (yes/no)
no
Goodbye
```

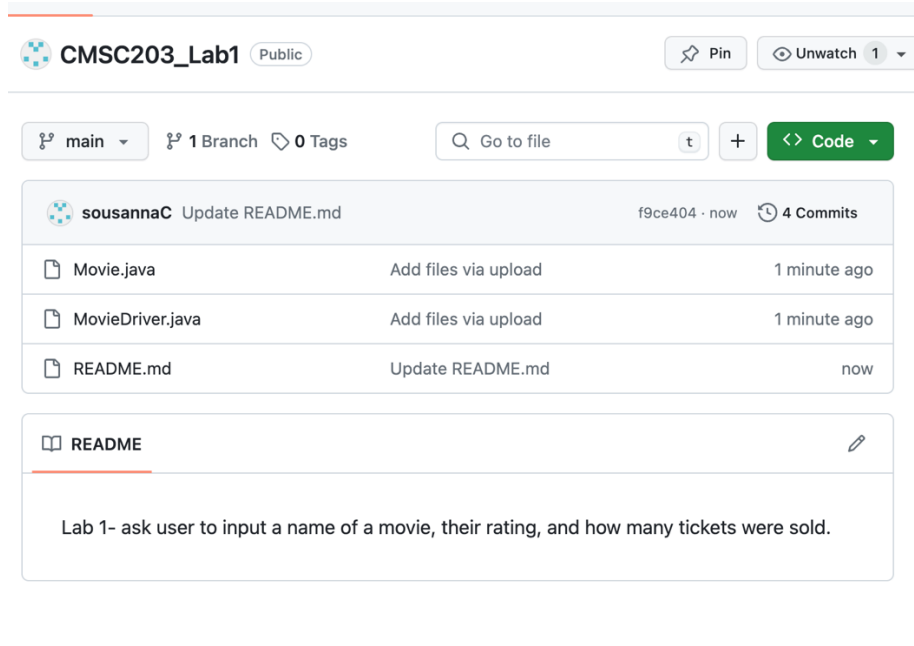
```
Enter the name of the movie
jaws
Enter the rating of the movie
2
Enter the number of tickets sold for this movie
30
jaws (2): Tickets Sold: 30
Do you want to enter another movie? (yes/no)
yes
Enter the name of the movie
tron
Enter the rating of the movie
4
Enter the number of tickets sold for this movie
testing what happens if I write words
Exception in thread "main" java.util.InputMismatchException
    at java.base/java.util.Scanner.throwFor(Scanner.java:939)
    at java.base/java.util.Scanner.next(Scanner.java:1594)
    at java.base/java.util.Scanner.nextInt(Scanner.java:2258)
    at java.base/java.util.Scanner.nextInt(Scanner.java:2212)
    at MovieDriver.main(MovieDriver.java:31)
```

```
Enter the name of the movie
Nemo
Enter the rating of the movie
9
Enter the number of tickets sold for this movie
100
Nemo (9): Tickets Sold: 100
Do you want to enter another movie? (yes/no)
yes
Enter the name of the movie
ted
Enter the rating of the movie
3
Enter the number of tickets sold for this movie
20
ted (3): Tickets Sold: 20
Do you want to enter another movie? (yes/no)
no
Goodbye
```

Submit both Java files from Task 2, even though you have not changed Movie.java

Task 3

Provide the screen shots from Task 3 here:



Lessons Learned <Provide answers to the questions listed below>:

Write about your Learning Experience, highlighting your lessons learned and learning experience from working on this assignment.

What have you learned? **I learned how to write a program using pseudocode**

What did you struggle with? **I initially struggled my source folder not recognizing the project.**

What parts of this assignment were you successful with, and what parts (if any) were you not successful with? **I was successful with writing a loop**

Provide any additional resources/links/videos you used to while working on this assignment.

<https://stackoverflow.com/questions/11719545/source-folder-is-not-a-java-project-error-in-eclipse>

Deliverables for Lab1:

Submit FirstInitiallastName_Lab1.zip

Include the following files in your zip file:

1.1 FirstInitiallastName_Lab1.doc based on a provided template:

1.2 both Java files from Task 1 with the names Movie.java, MovieDriver_Task1 (even though you have not changed Movie.java)

1.3 both Java files from Task 2 with the names Movie.java, MovieDriver_Task2 (even though you have not changed Movie.java)

Check List: <Provide answers to the column Y/N or N/A >:

#		Y/N	Comments
1.	Lab 1 files:		
	• FirstInitialLastName_Lab1.docx/pdf	y	
	• Source java files from Task 1	y	
	• Source java files from Task 2	y	
2.	Program compiles	y	
3.	Program runs with desired outputs	y	
4.	Documentation file: Screenshots of		
	• Task1	y	
	• Task2	y	
	• Task3	y	
	• Lessons Learned	y	
	• Checklist is completed and included in the Documentation	y	