

“COMP231 – JAVA Programming “

“Assignment 4”

Due Date:

This assignment needs your creativity on how to design things!

Use JavaFX to Design an amazing colorful interface for the **cinema** that you have designed in Assignment3, use Buttons, labels, textFields, images and feel free to add any component you need while designing the interface. Your interface should at least have the following components:

1. Button that reads the movies information from file named **movies.txt** and create an array list of movies. Also, it displays the following information name, type and running time about the first movie in the array list each on a text field or label.
2. A text field named details that is used to display other information about the movie.
3. Two buttons named as **Previous** and **Next.** The Next button should display the next movie information and previous should display the previous movie information note that previous button should be disabled before loading the data.
4. Add at least one image.
5. Add two radio buttons so the user can choose the sorting method, the first named as time and it sorts movies based on running time, the second one named type and it sorts the movies based on their type, after sorting the movies it should write the sorted list on a file named **sorted\_list.txt**

