Object-Oriented Programming Using C++
605.604

JOHNS HOPKINS UNIVERSITY
Whiting School of Engineering

Week 9
Assignment

Due Date 08/02/21

1. Write a program that ranks a user's top 5 movie choices. The program should present a menu that prompts the user to enter a list of new movies, display the current list of movies, allows the user to change the ranking of a movie, and allows the user to quit the program. Use an STL list to store the movies in memory. The list need not be persistent.

2. An STL set container is to be used to hold a set of state names and associated capitals. A State class needs to be defined that describes a state name and the name of its capital city. It should have the appropriate constructors, and at least a set of getter methods. Write a program that creates a set container that takes a State pointer as a parameter, initializes the set with the information below, and displays each state and its capital city.

State Name	Capital City
Illinois	Springfield
Wisconsin	Madison
California	Sacramento
New York	Albany
Alaska	Juneau

Submit all source code as well as a screen capture of program execution.