Student name: R. Sachin Ayeshmantha de silva Dharmawickrama
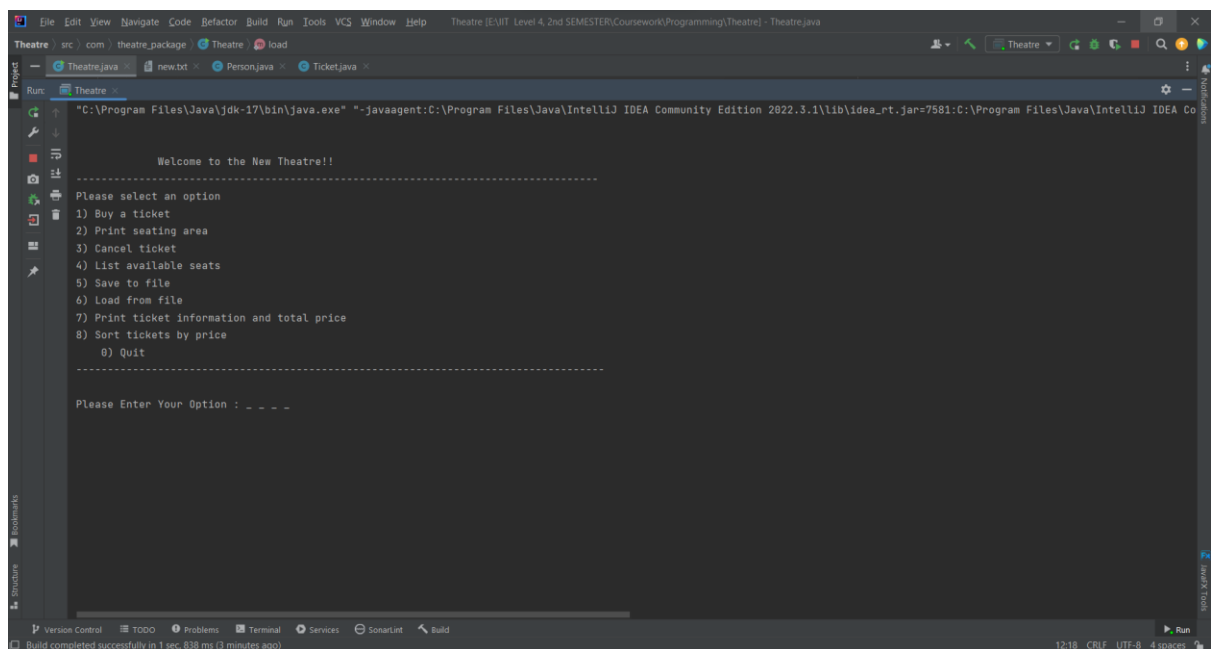**Student ID**: w1953261
Tutorial group (day, time, and tutor) – info is in your timetable:

Fill the following table. For test input, expected output and output obtained, add as many cases as you have tested.

See an example of a completed form in Blackboard.

Task	Self-assessment (select one)	Test input	Expected output	Output obtained	Comments
1	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Nothing any special input	1: Nothing any special output	1: Nothing any special output	There is the Theatre.java class file (Theatre class) in the program
2	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Run the program 2: Option 0 selected	1: Menu with 9 options 2: Program ends	1: Menu with 9 options 2: Program ends	Menu is working correctly

Insert screenshot of your menu here including the welcome message:

3	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Run the program 2: Option 1 selected 3: Enter name, surname, email, row number, and seat number	1: Menu with 9 options 2: Display Buy Ticket portal 3: Display the ticket information	1: Menu with 9 options 2: Display Buy Ticket portal 3: Display the ticket information	The "buy_ticket" method is working correctly
4	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 2 selected	1: Print the stage and seat structure of the theatre given as the coursework pdf	1: Print the stage and seat structure of the theatre given as the coursework pdf	The "print_seating_area" method is working correctly

Insert screenshot of your output for task 4 here after buying a ticket for row 1, seat 1 and row 3, seat 20 :

5	☒Fully implemented and working ☐Partially implemented	1: Option 3 selected	1: Display Cancel Ticket portal	1: Display Cancel Ticket portal	The "cancel_ticket" method is working correctly

	☐Not attempted	2: Enter the email, row number, seat number 3:Give "yes" to cancel another ticket under the given email	2: Cancel the ticket under the given email, row number, and seat number 3. Giving a message that the relevant ticket has been canceled and asking if another ticket needs to be canceled	2: Cancel the ticket under the given email, row number, and seat number 3. Giving a message that the relevant ticket has been canceled and asking if another ticket needs to be canceled	
6	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 4 selected	1: Display the seats that are available given as the coursework pdf	1: Display the seats that are available given as the coursework pdf	The "show_available" Method is working correctly
7	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 5 selected	1: Show the "successfully saved to the file" message and saved it correctly into the text file	1: Show the "successfully saved to the fil" message and saved it correctly into the text file	The "save" method is working correctly
8	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 6 selected	1: Display "File is loading" message and loaded it correctly from the text file	1: Display "File is loading" message and loaded it correctly from the text file	The "load" method is working correctly
9	☒Fully implemented and working ☐Partially implemented ☐Not attempted	Nothing any special input	Nothing any special output	Nothing any special output	A class file called Person.java is created and gives name, surname, and email as a person object
10	☒Fully implemented and working	Nothing any special input	Nothing any special input	Nothing any special input	A class file called

	☐Partially implemented ☐Not attempted				Tickets.java is created and given the ticket details. Then creates the ticket object
11	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 1 Selected 2: Enter name, surname, email, row number, and seat number as inputs	1: Display Buy Ticket portal 2: Display the information on the ticket	1: Display Buy Ticket portal 2: Display the information on the ticket	Implemented and successfully used "print" method in Tickets.java
12	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 1 selected 2: Enter name, surname, email, row number, and seat number as inputs 3: Option 3 selected 4: Enter the email, the row number, and the seat number want to cancel	1: Display Buy Ticket portal 2: Display the ticket information 3: Display Cancel Ticket portal 4: Cancel the relevant ticket under the given inputs and show a message that the given seat was canceled successfully	1: Display Buy Ticket portal 2: Display the ticket information 3: Display Cancel Ticket portal 4: Cancel the relevant ticket under the given inputs and show a message that the given seat was canceled successfully	"buy_ticket" and "cancel_ticket" methods were extended successfully
13	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 7 selected	1: Show all the ticket information reserved so far according to the order of reserved time	Show all the ticket information reserved so far according to the order of reserved time	"show_ticket_info" method is working correctly

14	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 8 selected	1: Show all the ticket information reserved so far according to the ascending order of ticket price	1: Show all the ticket information reserved so far according to the ascending order of ticket price	The "sort_tickets" method is working correctly
15	Explain which testing strategy did you take (e.g., how you tested that the output is correct, different inputs, different values, wrong values, etc.) Initially, I performed a trial with various accurate inputs, and the program exhibited proper functionality. Later, in a subsequent attempt, I examined the program with unsuitable and incorrect inputs, and it demonstrated appropriate error messages, indicating the reason for the failure and suggesting to retry. The program never crashed and gives the chance to try it until gives valid inputs.				
16	Did you include comments in your code? Is your code idented? Did you use your own functions? Are your variable names informative? I provided explanatory comments on the majority of the variables and functions, clarifying their purpose and function. The code was structured to be easy to read and comprehend. Additionally, I employed various functions that weren't strictly required by the coursework, which helped streamline the code. Each variable that I initialized in the code was given a descriptive name that provided a clear indication of its intended use.				

Are there any parts of the coursework which you would like to get feedback?

No

DEMO: You will have to demonstrate your understanding of your code during a tutorial (week 10 or 11). Remember to reference any websites, or technologies that you used in this coursework. Tasks 9-15 will not be marked if you do not attend the demo.