Student name: Dumindu Induwara Gamage
Student ID:w1953846 /**IIT ID-**20221168
Tutorial group (day, time, and tutor) – info is in your timetable: Group N,Tuesday ,10.30 p.m to 12.30 p.m,Mr.Kushan Bhareti.

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:	1: Welcome to the New Theatre.	1:Welcome to the New Theatre.	Correct
2	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: 2: Option 0 Selected.	1: Menu with 9 options 2: Program ends.	1: Menu with 9 options 2: Program ends.	Menu Working correctly.

Insert screenshot of your menu here including the welcome message:

```
                    Welcome to the New Theatre.
-------------------------------------------------------------------------------
Please select an option:
     1)Buy a ticket
     2)Print seating area
     3)Cancel ticket
     4)list available seats
     5)Save to file
     6)Load from file
     7)Print ticket information and total price.
     8)Sort tickets by price.
     0)Quit


-------------------------------------------------------------------------------



Enter your option:
```

Task	Self-assessment (select one)	Test input	Expected output	Output obtained	Comments
3	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1:Option 1+ row=4	1:Invalid row number (Select 1-3)	1:Invalid row number (Select 1-3)	Error Message Showing correctly.

4	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1:Option 1+ Row=3, Seat=22	2:Invalid Seat Number.	2:Invalid Seat number.	Error Message Showing correctly.

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

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Enter your option:2
option 2: Print seating area
Booked Seats:X  Available Seats:0


     **********
     *  STAGE  *
     **********
      XOOOOO OOOOOO
    OOOOOOOO OOOOOOOO
   OOOOOOOOO OOOOOOOOX
--------------------------------------------------------------------------
```

5	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1:option 1+ Row=e	1: Invalid Input (Hint: Input must be an integer).Please try Again	1: Invalid Input (Hint: Input must be an integer).Please try Again	Invalid Input type error message working correctly.
6	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1:option 1+ Row=3 Seat=e	1: Invalid Input (Hint: Input must be an integer).Please try Again	1: Invalid Input (Hint: Input must be an integer).Please try Again	Invalid Input type error message working correctly.
7	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1:Option:1 Row=3 Seat =20+ Option 2	1:Shows seating area with correct seat taken	1:Shows seating area with correct seat taken	Print seating area method works correctly
8	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1:Option 1+ Row=1 Seat=1+ Option 2	1:Shows seating area with correct seats taken	1:Shows seating area with correct Seats taken	Print Seating area method works correctly
9	☒Fully implemented and working ☐Partially implemented	1:Option 1+ Row=3 Seat=20	Seat already sold. Please	Seat already sold. Please	Seat availability check and

	☐Not attempted		try another seat.	try another seat.	error message working correctly.
10	☒Fully implemented and working ☐Partially implemented. ☐Not attempted	1: Option 3 + row = 1, seat = 20 2: Option 3 + row = 1, seat = e	1: Invalid row or seat number. Please enter a valid row number or seat number. 2: Please enter an integer value.	1: menu with 9 options 2: Invalid row or seat number. Please enter a valid row number or seat number. 2: Please enter an integer value.	Error messages working correctly.
11	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 3+ Row=1 Seat=1 2: Option 2	1: Ticket cancelled. 2: Shows seating area with correct seat removed	1: Ticket cancelled. 2: Shows seating area with correct seat removed	Cancel Ticket method working correctly.
12	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 4	1: Show available seats for each row	1: Show available seats for each row	Show available seats method working correctly
13	☒Fully implemented and working ☐Partially implemented ☐Not attempted	1: Option 5	1: Saves each array data in a text file	1: Saves each array data in a text file	Save method working correctly
14	☒Fully implemented and working ☒Partially implemented ☐Not attempted	1: Option 6	1: Load each array data from the text file and place them back in the arrays and print them	1: Load each array data from the text file and place them back in the arrays and print them	Load method 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.) A while loop is used in the main method in order to loop it infinitely until option 0 is entered, which exits the loop. I tested every possibility of data entry and ensured they all worked correctly.				

16	Did you include comments in your code? Is your code idented? Did you use your own functions? Are your variable names informative? I include comments in my code because there are lots of variables, processes and methods that I used in my code. So I commented them to easily identify and memorize the hierarchy of my code. My code is indented so its easy to find the structure and hierarchy of the code. My Variable names are also informative so we can find the use of that variable by its name.

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.