**Student name**: Asini Perera

**Student ID**:20220894

**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: | 1: Welcome to the New Theatre | 1: Welcome to the New Theatre | Correct |
| 2 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 0 (selected)  2: An option not between 0 to 8  3: non-integer value | 1: Output:  Goodbye!  2: Output:  Invalid option. Please try again.  3: Output: Invalid option. Please try again. | 1: Output: Goodbye!  2: Output:  Invalid option. Please try again.  3: Output: Invalid option. Please try again. | Menu working correctly |
| Insert screenshot of your menu here including the welcome message: | | | | | |
| 3 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1  (selected) +  row = 4  2: Option 1  (selected) +  row = 1, seat = 20 | 1: Output:  Invalid row number. Please try again.  2: Output:  Invalid seat number. Please try again. | 1: Output:  Invalid row number. Please try again.  2: Output:  Invalid seat number. Please try again. | 1: Output correctly shown  2: Output correctly shown |
| 4 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1  (selected) +  row = 1, seat = 1  2: Option 1  (selected) +  row = 1, seat = 1 | 1: Output:  Ticket bought successfully.  2: Output:  Seat already sold.  Please try again. | 1: Output:  Ticket bought successfully..  2: Output:  Seat already sold.  Please try again. | Output correctly shown |
| 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  Not attempted | 1: Option 1  (selected) +  row = t  2: Option 1  (selected) +  row = 1, seat = y | 1: Output:  Invalid input.  Please enter a number between 1 and 3:  2: Output:  Invalid input.  Please enter a number: | 1: Output:  Invalid input. Please enter a number between 1 and 3:  2: Output:  Invalid input. Please enter a number: | Output correctly shown |
| 6 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1  (selected) +  Name = ravindu456  2: Option 1  (selected) +  Name = ravindu  + surname = sankalpa25  3: Option 1  (selected) +  name = ravindu  + surname = sankalpa + email = ravindu.04 | 1: Output:  Please retype your name:  2: Output:  Please retype your surname:  3: Output:  Please retype your email: | 1: Output:  Please retype your name:  2: Output:  Please retype your surname:  3: Output:  Please retype your email: | Output correctly shown |
| 7 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 (selected) +  name = ravindu  + surname = sankalpa + email = [ravindusankalpa@gmail.com](mailto:ravindusankalpa@gmail.com) + price = y  2: Option 1 (selected) +  name = Ravindu  + surname = Sankalpa + email = [ravindusankalpa@gmail.com](mailto:ravindusankalpa@gmail.com) + price = 80 + row = 1 + seat = 1 | 1: Output:  Invalid input. Please enter a valid price  2: Output:  Ticket bought successfully. | 1: Output:  Invalid input. Please enter a valid price  2: Output:  Ticket bought successfully. | Output correctly shown |
| 8 | Fully implemented and working  Partially implemented  Not attempted | Option 2  selected | Shows seating area with correct seat taken and seat availability | Shows seating area with correct seat taken and seat availability | Output correctly shown |
| 9 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 3  (selected) +  row = yyy  2: Option 3  (selected) +  row = 1, seat = tesing2 | 1: Output:  Invalid input.  Please enter valid row number  2: Output:  Invalid input.  Please enter valid seat number | 1: Output:  Invalid input.  Please enter valid row number  2: Output:  Invalid input.  Please enter valid seat number | Output correctly shown |
| 10 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 3  (selected) +  row = 1, seat = 1  2: Option 3  (selected) +  row = 2, seat = 1 | 1: Output:  Ticket cancelled.  2: Output:  No ticket found at row 2, seat 1. | 1: Output:  Ticket cancelled.  2: Output:  No ticket found at row 2, seat 1. | Output correctly shown |
| 11 | Fully implemented and working  Partially implemented  Not attempted | Option 4  (selected) | Shows the available seats in a list for row1, row2, and row3 | Shows the available seats in a list for row1, row2, and row3 | Output correctly shown |
| 12 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 5  (selected) with no exceptional errors.  2: Option 5  (selected) with an exceptional error. | 1: Output:  The row information have been saved…!!!  2: Output:  An error occurred while saving data | 1: Output:  The row information have been saved…!!!  2: Output:  An error occurred while saving data | Output correctly shown |
| 13 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 6  (selected) with no exceptional errors.  2: Option 6  (selected) with an exceptional error. | 1: Output:  Prints with row information along with the message.  “seating information loaded”  2: Output:  An error occurred while loading data | 1: Output:  Prints with row information along with the message.  “seating information loaded”  2: Output:  An error occurred while loading data | Output correctly shown |
| 14 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 7  (selected) | Displays the ticket information.  including the person’s name, surname & email with the row and seat numbers, and the price individually.  The total price for all the tickets is also displayed at the end | Output:  Ticket Information:  Name:  Surname:  Email:  Row:  Seat:  Price:  -----------------  Total price for all tickets: | Output correctly shown |
| 15 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 8  (selected) | Returns a new list of Tickets sorted by Ticket price in ascending order (cheapest first). | Ticket information is sorted and displayed according to the ticket price in ascending order (cheapest first) | Output correctly shown |
| 16 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 (selected) +  name = ravindu  + surname = sankalpa + email = [ravindusankalpa@gmail.com](mailto:ravindusankalpa@gmail.com) + price = 60 + row = 2 + seat = 14  + Option 7 | Ticket Information:  Name:ravindu  Surname: sankalpa  Email: [ravindusankalpa@gmail.com](mailto:ravindusankalpa@gmail.com)  Row: 2  Seat: 14  Price: £60.0 | Ticket Information:  Name:ravindu  Surname: sankalpa  Email: [ravindusankalpa@gmail.com](mailto:ravindusankalpa@gmail.com)  Row: 2  Seat: 14  Price: £60.0 | Output correctly shown |
| 17 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 (selected) +  name = kavindu  + surname = chamoth + email = [kavindu@gmail.com](mailto:kavindu@gmail.com) + price = 80 + row = 3 + seat = 18  + Option 8 | Output:  All Ticket Information Sorted by Ticket Price:  Name:ravindu  Surname: sankalpa  Email: [ravindusankalpa@gmail.com](mailto:ravindusankalpa@gmail.com)  Row: 2  Seat: 14  Price: £60.0  ------------------------------  Ticket Information:  Name:kavindu  Surname: chamoth  Email: [kavindu@gmail.com](mailto:kavindu@gmail.com)  Row: 3  Seat: 18  Price: £80.0 | Output:  All Ticket Information Sorted by Ticket Price:  Name:ravindu  Surname: sankalpa  Email: [ravindusankalpa@gmail.com](mailto:ravindusankalpa@gmail.com)  Row: 2  Seat: 14  Price: £60.0  ------------------------  Name:kavindu  Surname: chamoth  Email: [kavindu@gmail.com](mailto:kavindu@gmail.com)  Row: 3  Seat: 18  Price: £80.0 | Output correctly shown |
| 18 | Explain which testing strategy did you take (e.g., how you tested that the output is correct, different inputs, different values, wrong values, etc.)  To test my code, I took individual units of the code in isolation to ensure that they behave as expected. I used various test cases including positive(valid) test inputs to check if the valid input produces the correct results and negative(invalid) test inputs to check if the invalid inputs produce error messages or exceptions. | | | | |
| 19 | Did you include comments in your code? Is your code idented? Did you use your own functions? Are your variable names informative?  All the above is done, where my code contains comments, proper indentation and my own functions with suitable variable names. | | | | |

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

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**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.**