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**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 Theatre | 1: Welcome to the Theatre | correct |
| 2 | Fully implemented and working  Partially implemented  Not attempted | 1: option 1  2:option 0 selected  3:Give 10 as option input  4:give b as option input | 1:Menu with 9 options  2: program ends  3:shows invalid input. Try again!!  4:shows Invalid input! | 1:Menu with 9 options  2: program ends  3: shows invalid input. Try again!!  4: shows Invalid input! | Menu working correctly  The expected result came correctly |
| Insert screenshot of your menu here including the welcome message: | | | | | | | |
| 3 | Fully implemented and working  Partially implemented  Not attempted | 1:option1,row=4  2: option1,row1,  seat=14  3:option 1,row= ‘a’  4:option1,row=1,  Seat=1  5:option1,row=3,  Seat=20 | 1:shows ‘Enter a valid row number!’  2:shows ‘Enter a valid seat number!’  3:shows ‘Enter a valid number!’  4:shows ‘Booked successfully’  5:shows ‘Booked successfully’ | 1:shows ‘Enter a valid row number!’  2:shows ‘Enter a valid seat number!’  3:shows ‘Enter a valid number!’  4:shows ‘Booked successfully’  5:shows ‘Booked successfully’ |  |
| 4 | Fully implemented and working  Partially implemented  Not attempted | 1:option 2  (after booking [row1,seat1]and [row3,seat20]) | 1: Displays the seating area with the correct seat occupied. | 1: Displays the seating area with the correct seat occupied. | booked seat is represented  by ‘X’ and  available  seats by ‘O’ |
| 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 3- row1,seat 1  2:option3 ,row1,seat1  3:option 3,-row ‘b’ | 1: shows  ‘Successfully updated’  2: Shows ‘The  seat is  already  available  3:shows ‘Enter a valid number!’ | 1: shows  ‘Successfully updated’  2: Shows ‘This  seat is  already  available  3:shows ‘Enter a valid number!’ | The expected result came correctly |
| 6 | Fully implemented and working  Partially implemented  Not attempted | 1: option 4 | 1: shows available seats | 1: shows available seats | Available seats showed correctly |
| 7 | Fully implemented and working  Partially implemented  Not attempted | 1:option 5 | 1: save the seats to ‘Available seats.txt' | 1: save the seats to ‘Available seats.txt' | If the file does not exist, a new txt file is created. |
| 8 | Fully implemented and working  Partially implemented  Not attempted | 1:option 6 | Loads the file saved | Loads the file saved | It performs as expected. |
| 9 | Fully implemented and working  Partially implemented  Not attempted |  | 1: Creating the class person with the constructors. | 1: Creating the class person with the constructors. | It performs as expected. |
| 10 | Fully implemented and working  Partially implemented  Not attempted |  | 1:Creating class ticket with constructors. and create a person object. | 1:Creating class ticket with constructors. and create a person object. | It performs as expected. |
| 11 | Fully implemented and working  Partially implemented  Not attempted |  | 1:prints all the information from a ticket | 1:prints all the information from a ticket | It performs as expected. |
| 12 | Fully implemented and working  Partially implemented  Not attempted |  | 1:Added an arraylist of ticket to save all the tickets. | 1:Added an arraylist of ticket to save all the tickets. | It performs as expected. |
| 13 | Fully implemented and working  Partially implemented  Not attempted | 1:option 7 | 1:prints all the information for all tickets and calculates and shows the total price of tickets after the ticket’s info. | 1:prints all the information for all tickets and calculates and shows the total price of tickets after the ticket’s info. | It performs as expected. |
| 14 | Fully implemented and working  Partially implemented  Not attempted | 1:option 8 | 1:returns a newlist of tickets sorted by ticket price in ascending order. | 1:returns a newlist of tickets sorted by ticket price in ascending order | It performs as expected. |
| 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.)  I entered incorrect inputs and checked | | | | | |
| 16 | Did you include comments in your code? Is your code idented? Did you use your own functions? Are your variable names informative?  I used user-defined functions, comments, and indentations in my code. | | | | | |

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

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| I need feedback on my logic. |

**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.**