**Student name**: Nimeth Fernando

**Student ID**:20220260/w1953182

**Tutorial group (day, time, and tutor) – info is in your timetable**: Group E, 1.30pm Monday, Lakshan Cosa

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  4: Letter y inputted | 1: Menu with 9 options  2: Program ends  3: Invalid option Please try again | 1: Menu with 9 options  2: Program ends  3: 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 + row = 4, seat = 10  2: Option 1 + row = 1, seat = 5  3: Option 1+ row =1, seat = 5 | 1: Shows “Row number has to be between 1-3  2: Ticket for row 1 seat 5 has been purchased  3: Seat is already occupied! Please check the free seats and try again!. | 1: Shows “Row number has to be between 1-3  2: Ticket for row 1 seat 5 has been purchased  3: Seat is already occupied!  Please check the free seats and try again!. | Buy ticket working correctly |
| 4 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + row = 3,seat = 10  2: (Case1) + Option 1 + row = 1, seat = 2 | 1: Shows seating area with correct seat taken  2: Shows both seats as taken | 1: Shows seating area with correct seat taken  2: Shows both seats as taken | 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  Not attempted | 1: Option 1 + row = 3, seat = 10, | 1: Shows without the selected seat. | 1: Shows without the selected seat. | Working correctly |
| 6 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 4 | 1: Shows without the selected seat. | 1: Shows without the selected seat. | Working correctly |
| 7 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 5 | 1: Data successfully saved to text file | 1: Data successfully saved to text file | Working correctly |
| 8 | Fully implemented and working  Partially implemented  Not attempted | 1: input 6 in menu | 1: Data loaded successfully | 1: Data loaded successfully | Working correctly |
| 9 | Fully implemented and working  Partially implemented  Not attempted | No input | No output | No output |  |
| 10 | Fully implemented and working  Partially implemented  Not attempted | No input | No output | No output |  |
| 11 | Fully implemented and working  Partially implemented  Not attempted | No input | Prints information collected and stored in the ticket objects when called | Prints information collected and stored in the ticket objects when called | Working correctly |
| 12 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + row 2,seat 1,First name= Nimeth, surename = Fernando, email = [nimeth42@gmail.com](mailto:nimeth42@gmail.com)  2: Option 3+ row = 32 seat = 1 | 1 : Books the seat and creates a ticket object consisting of all the inputted details  2 : Cancels the ticket and removes it from the arraylist | 1 : Books the seat and creates a ticket object consisting of all the inputted details  2 : Cancels the ticket and removes it from the arraylist | Working correctly |
| 13 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 7 | Prints out all the details of the bough tickets and the total price | Prints out all the details of the bough tickets and the total price | Working correctly |
| 14 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 8 | Sorts the ticket details in ascending order taking “price” as the sorting factor | Sorts the ticket details in ascending order taking “price” as the sorting factor | 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.)  For each task, I ran the program and followed the steps that are in the coursework description file. I did use many inputs and made sure the code functions properly and to make sure the output is always given as the desired output. I also entered invalid value formats when a value was prompted for. | | | | | |
| 16 | Did you include comments in your code? Is your code idented? Did you use your own functions? Are your variable names informative?  Comments included and intended when appropriate.  Did use self - defined functions in the program.  I can guarantee that all the variable names I have used are informative. | | | | | |

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.**