**Student name**: S. H. R. B. Sugathadasa

**Student ID**: 20221296

**Tutorial group (day, time, and tutor) – info is in your timetable**: Tuesday,(1.30p.m.-3.30p.m.),Mr. Iresh Bandara

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 New Theatre | 1: Welcome to New Theatre | Correct |
| 2 | Fully implemented and working  Partially implemented  Not attempted | 1:  2. Option 0  selected | 1: Menu with 9 options  2.Programme terminates | 1.Menu with 9 options  2: Programme  ends | Menu working correctly with options |
| Insert screenshot of your menu here including the welcome message: | | | | | | | |
| 3 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 +row 4 | 1: Shows “Invalid row number. Please enter between 1-3” | 1: Shows “Invalid row number. Please enter between 1-3” | Correct |
| 4 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + row = 2, seat = 11 + option 2  2: (case 1) + Option 1 + row = 1, seat = 2 + option 1 | 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 | Correct |
| 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 + option 3 | 1: Cancel the seat number correctly | 1: Cancel the seat number correctly | Correct |
| 6 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + row = 3, seat = 10 + option 4 | 1: Shows the available seats. | 1: Shows the available seats. | Correct |
| 7 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1+ row=2, seat=10+option 5 | 1: Saves the information to the file | 1: Saves the information to the file | Correct |
| 8 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1+ row =2, seat =11+ option 5 + option 6 +option 2 | 1: Save information to the text file and load it back from the file | 1: Save information to the text file and load it back from the file | Correct |
| 9 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + enter name surname and email+ row=1, seat =2 | 1: Created an object from class Person with a constructor | 1: Created an object from class Person with a constructor | Correct |
| 10 | Fully implemented and working  Partially implemented  Not attempted | Option 1+ row=1, seat=1 + Option 7 | 1: Creating a new object from Ticket class with constructor | 1: Creating a new object from Ticket class with constructor | Correct |
| 11 | Fully implemented and working  Partially implemented  Not attempted | Option 1 + row=1,seat=1 +option1 row=2, seat=1 + Option 7 | Print details of the ticket | Print details of the ticket | Correct |
| 12 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + row = 3, seat = 10 + name + surname + email + price + option 3 | Cancel the ticket you purchased and remove from the list | Cancel the ticket you purchased and remove from the list | Correct |
| 13 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + row = 3, seat = 10 + name + surname + email + price + option 7 | Display the details of the ticket you purchased | Display the details of the ticket you purchased” | Correct |
| 14 | Fully implemented and working  Partially implemented  Not attempted | 1: Option 1 + row = 3, seat = 10 + name + surname + email + price + option 8 | Sorting ticket information from cheapest price to highest. | Sorting ticket information from cheapest price to highest. | Correct |
| 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.)  To check for errors, I inputted a wide range of values while testing my code using incorrect inputs in locations where a different type of input was required. Out of range input values. | | | | | |
| 16 | Did you include comments in your code? Is your code idented? Did you use your own functions? Are your variable names informative?  To describe each method's purpose, I have added comments. applied my own functions in addition, and gave the parameters names that were descriptive | | | | | |

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.**