

Self-assessment form and test plan

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Tutorial group (day, time, and tutor/s): Tuesday, 11-13, Barbara Villanrini and Peter O'Reilly

1) Self-assessment form

Task	Self-assessment (select one)	Comments
1	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
2	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
Insert here a screenshot of your welcome message and menu: <pre> Welcome to the Plane Management Application ***** * MENU * ***** 1)Buy a seat 2)Cancel a seat 3)Find first available seat 4)Show seating plan 5)Print tickets information and total sales 6)Search ticket 0)Quit </pre>		
3	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	

4	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
5	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
6	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
<p>Insert here a screenshot of the seating plan:</p> <div style="text-align: center;"> </div>		
7	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
8	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
9	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
10	<input type="checkbox"/> Fully implemented <input checked="" type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	Only prints total price. No customer information is printed.
11	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	
12	<input checked="" type="checkbox"/> Fully implemented <input type="checkbox"/> Partially implemented <input type="checkbox"/> Not attempted	

2) Test Plan

Complete the test plan describing which testing you have performed on your program.

Add as many rows as you need.

Part A Testing

Test case / scenario	Input	Expected Output	Output	Pass/Fail
Buy seat A5	- 1 - A 5	Seat A6 purchased successfully!	Seat A6 purchased successfully!	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Buy seat D14	- 1 - D 14	Seat D14 purchased successfully!	Seat D14 purchased successfully!	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cancel seat D14	- 2 - D 14	Seat D14 cancelled successfully!	Seat D14 cancelled successfully!	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Buy seat A5 that is already booked	- 1 - A 5	Seat A6 is already booked.	Seat A6 is already booked.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Cancel seat D24 that is not booked	- 2 - D 14	Seat D14 is already free.	Seat D14 is already free.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Show seating plan	- 4	Seats booked (A6) shows with an X, free seats show as 0	Seats booked (A6) shows with an X, free seats show as 0	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Buy seat E14	- 1 - E 14	Invalid row or seat number entered.	Invalid row or seat number entered. Please try again.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Part B testing

Test case / scenario	Input	Expected Output	Output	Pass/Fail
Buy seat B 3	- 1 - B 3 - Enter name - Enter surname - Enter email	Seat B3 purchased successfully!	Seat B3 purchased successfully! File created: TicketA4.txt	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Find first seat available when A1 is booked	- 3	Seat A2 is available	Seat A2 is available	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Search if ticket A 1 has been booked	- 6 - A 1 - Vitoria - Franca -	Sorry, this seat A1 is occupied.	Sorry, this seat A1 is occupied. Booked by: Vitoria Franca Email address: b@gmail.com	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

Print ticket sales after buying A1, B12, D6	- 5	Amount to pay is equal to £530. Thank you for your purchase!	Amount to pay is equal to £530. Thank you for your purchase!	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Booking a ticket already booked and file already created (A1)	- 1 - A 1 (doesn't ask for anything else because is already booked)	Seat A1 is already occupied. File already exists.	Seat A1 is already occupied. File already exists.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Searching ticket A1 when it is not booked	- 6 - A 1	Seat A1 is available	Seat A1 is available	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail
Searching for ticket E 12	- 6 - E 12	Invalid row or seat number entered. Please try again.	Invalid row or seat number entered. Please try again.	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail

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

You will need to demonstrate your understanding of the submitted code. Your tutor will arrange a coursework demonstration, that will take place during weeks 10 and 11. During the coursework demonstration, your tutor will ask you to execute your program and questions on your code.

Failure to attend the demonstration will result in the assessment of Part A only, with a maximum mark capped at 30 marks for the coursework.