Self-assessment form and test plan

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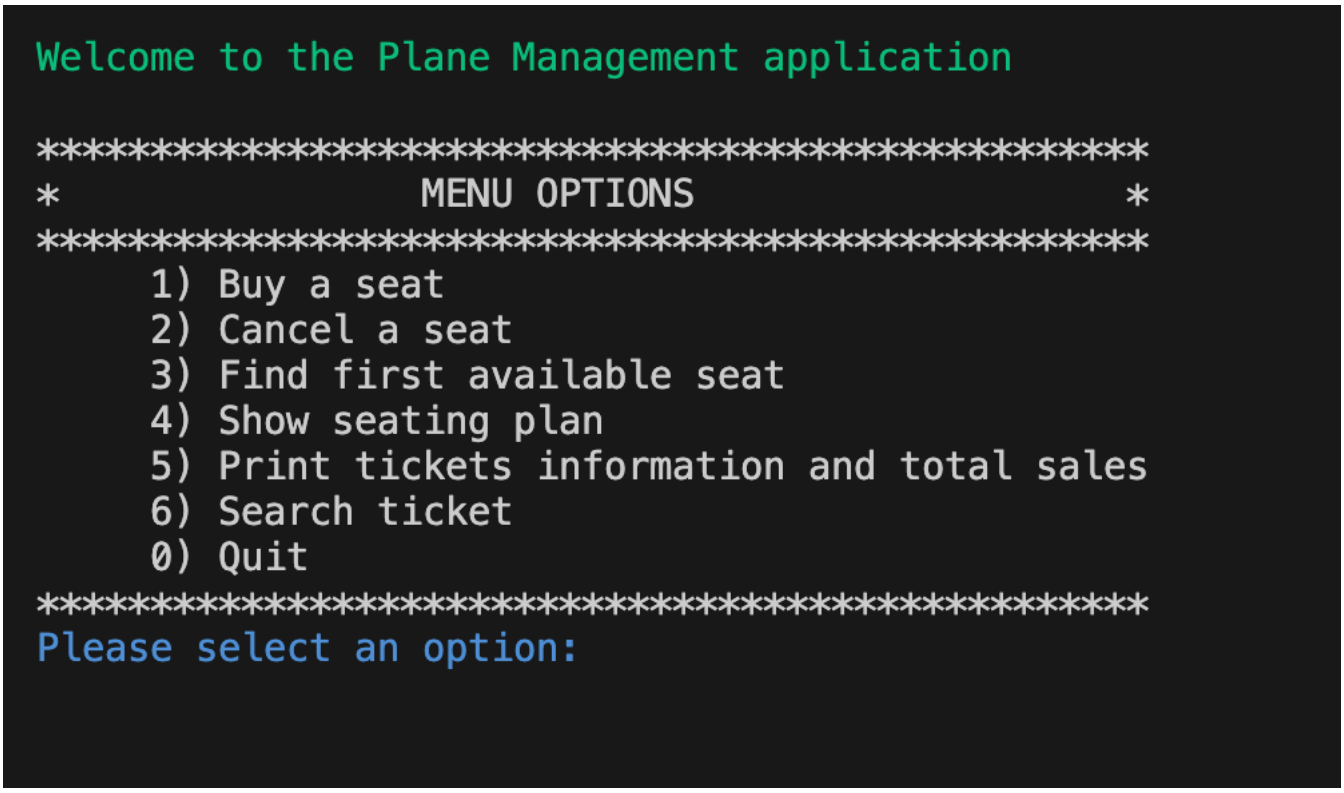
Tutorial group (day, time, and tutor/s): Tuesday 11:00-13:00 **Ester Bonmati Coll**

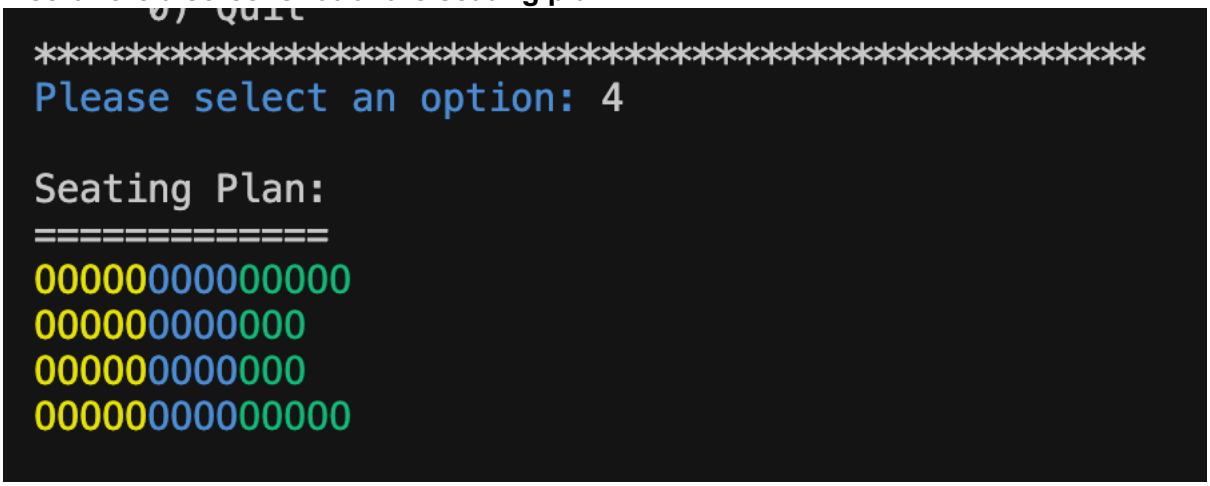
1) Self-assessment form

Task	Self-assessment (select one)	Comments
1	☒Fully implemented ☐Partially implemented ☐Not attempted	
2	☒Fully implemented ☐Partially implemented ☐Not attempted	

Insert here a screenshot of your welcome message and menu:



3	☒Fully implemented ☐Partially implemented ☐Not attempted	
4	☒Fully implemented ☐Partially implemented ☐Not attempted	
5	☒Fully implemented ☐Partially implemented ☐Not attempted	
6	☒Fully implemented ☐Partially implemented	

	☐Not attempted	
Insert here a screenshot of the seating plan:  		
7	☒Fully implemented ☐Partially implemented ☐Not attempted	
8	☒Fully implemented ☐Partially implemented ☐Not attempted	
9	☒Fully implemented ☐Partially implemented ☐Not attempted	
10	☒Fully implemented ☐Partially implemented ☐Not attempted	
11	☒Fully implemented ☐Partially implemented ☐Not attempted	
12	☒Fully implemented ☐Partially implemented ☐Not attempted	

2) Test Plan

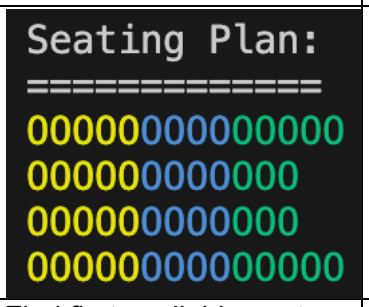
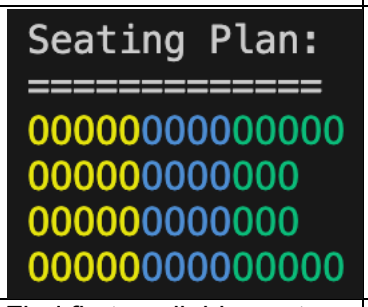
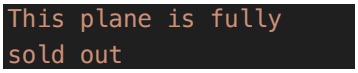
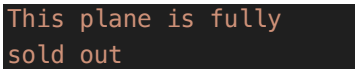
Complete the test plan describing which testing you have performed on your program.

Add as many rows as you need.

Testing

Test case / scenario	**Input**	**Expected Output**	**Output**	**Pass/Fail**
Enter option in main menu	A or 7	Please enter a valid option from the list.	Please enter a valid option from the list.	☒Pass ☐Fail
	0	Quit	Quit	☒Pass ☐Fail
	1	Buy a seat..	Buy a seat..	☒Pass ☐Fail
	2	Cancel a seat..	Cancel a seat..	☒Pass ☐Fail

	3	Find first available seat..	Find first available seat..	☒Pass ☐Fail
	4	Show seating plan	Show seating plan	☒Pass ☐Fail
	5	Print Tickets	Print Tickets	☒Pass ☐Fail
	6	Search Tickets	Search Tickets	☒Pass ☐Fail
Ask_for_seat() **Used in buy_seat, cancel_seat and search_ticket**	Row a,b,c,d,A,B,C, D	Row selected Continue to input seat	Row selected Continue to input seat	☒Pass ☐Fail
	Other Row	Invalid Row Ask again	Invalid Row ask again	☒Pass ☐Fail
	Seat Row A,D – 1-14 Row B,C – 1-12	Seat selected Print Selected Chair Return selection	Seat selected Print Selected Chair Return selection	☒Pass ☐Fail
	Other Seat	Invalid Seat Ask Again	Invalid Seat Ask Again	☒Pass ☐Fail
Ask_for_ticket() **User in buy_seat, Find_first_availabl e**	Ask for name, any string	Continue to Surname	Continue to Surname	☒Pass ☐Fail
	Ask for Surname, any string	Continue to eMail	Continue to eMail	☒Pass ☐Fail
	Ask for eMail	Create person, ticket, return	Create person, ticket, return	☒Pass ☐Fail
Ask_y_n() **User in find first available to allow auto-purchase of that ticket**	Get a message and ask for input y,Y,n,N	Return true or false	Return true or false	☒Pass ☐Fail
	Other input	Invalid input Ask again	Invalid input Ask again	☒Pass ☐Fail
Buy_seat()	Ask_for_seat( ) Ask_for_ticke t() Available seat	Set ticket as sold Add ticket to sold list Save ticket to file Print information	Set ticket as sold Add ticket to sold list Save ticket to file Print information	☒Pass ☐Fail
	Ask_for_seat( ) Ask_for_ticke t() Seat sold	Seat not available	Seat not available	☒Pass ☐Fail
	Ask_for_seat( ) Ask_for_ticke t() Seat not exists	Invalid seat	Invalid seat	☒Pass ☐Fail
Cancel_seat()	Ask_for_seat( ) Available seat	Set ticket as available Remove ticket from sold list Print information	Set ticket as available Remove ticket from sold list Print information	☒Pass ☐Fail

	Ask_for_seat() Seat not sold	Seat is available	Seat is available	☒Pass ☐Fail
	Ask_for_seat() Seat not exists	Invalid seat	Invalid seat	☒Pass ☐Fail
Show_seating_plan()	None			☒Pass ☐Fail
Find_first_available()	None	Find first available seat Print seat Ask if want to purchase the seat	Find first available seat Print seat Ask if want to purchase the seat	☒Pass ☐Fail
	All seats are sold			☒Pass ☐Fail
Print_ticket_info()	None	Tickets: ======== Ticket seat: 4, row: A, price: 200, person: Person name: a, surname: b, email: c Ticket seat: 7, row: D, price: 180, person: Person name: a, surname: w, email: e Total amount:380	Tickets: ======== Ticket seat: 4, row: A, price: 200, person: Person name: a, surname: b, email: c Ticket seat: 7, row: D, price: 180, person: Person name: a, surname: w, email: e Total amount:380	☒Pass ☐Fail
	No seats sold	No tickets	No tickets	☒Pass ☐Fail
Search_ticket()	Ask_for_seat() Seat is available	Seat is available	Seat is available	☒Pass ☐Fail
	Seat is sold	Ticket seat: 4, row: A, price: 200, person: Person name: a, surname: b, email: c	Ticket seat: 4, row: A, price: 200, person: Person name: a, surname: b, email: c	☒Pass ☐Fail
				☐Pass ☐Fail
				☐Pass ☐Fail

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

The method names are combination of buy_ticket() and showMenu() writing style
I would use ShowMenu() as it is done in C#
Or showMenu() as it is done in Java
But the Coursework description ask for buy_ticket()
So there is a mix with the writing style which is not good

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.