## Self-assessment form and test plan

Student name: Hyanka Vitoria Almeida Franca

Student ID: W1938811

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

## 1) Self-assessment form

Task	Self-assessment (select	Comments
1	one) ⊠Fully implemented	
•		
	□Partially implemented	
2	□Not attempted	
2	⊠Fully implemented	
	□Partially implemented	
	□Not attempted	
Welcome  ***********  *  *******************		plication ************** * *******
3	<ul><li>⊠Fully implemented</li><li>□Partially implemented</li></ul>	
	□Not attempted	
	- 140t attempted	

						⊻⊦ι	ully	imp	olen	nen	ted						
S						∃Pa	artia	ally	imp	len	nen	ted					
Partially implemented						□Nα	ot a	tter	npt	ed							
Not attempted   SFully implemented   Partially implemented	5						-	_									
Section   Sect								•	•		nen	ted					
Partially implemented					_				•								
Not attempted   Insert here a screenshot of the seating plan:    A	6						-	-									
A								-	-		nen	ted					
A   0   0   0   0   0   0   0   0   0	luccut bour coo																
B   0   0   0   0   0   0   0   0   0	insert here a sc	ree	nsı	ΙΟί	OI I	ne	Se	atıı	ıg p	nai	1.						
B   0   0   0   0   0   0   0   0   0																	
B   0   0   0   0   0   0   0   0   0																	
B   0   0   0   0   0   0   0   0   0																	
B   0   0   0   0   0   0   0   0   0		-															
C		Α	0	0	0	0	0	0	0	0	0	0	0	(	0	0	0
To   To   To   To   To   To   To   To		В	0	0	0	0	0	0	0	0	0	0	0	(	0		
7		C	0	0	0	0	0	0	0	0	0	0	0	(	0		
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted		D	0	0	0	0	0	0	0	0	0	0	0	(	0	0	0
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted																	
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented																	
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented																	
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented																	
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented																	
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented																	
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented																	
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted  9 □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented																	
B Section   □Not attempted																	
Section   Sec	7						-	-									
Partially implemented □Not attempted  Fully implemented □Partially implemented □Not attempted  Tully implemented □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented □Not attempted	7					∃Pa	artia	ally	imp	len							
9       ⊠ Fully implemented         □Partially implemented       □Not attempted         10       □ Fully implemented       No customer information is printed.         11       ⊠ Fully implemented         □Not attempted       □ Partially implemented         □ Not attempted       □ Not attempted         12       ⊠ Fully implemented         □ Partially implemented       □ Partially implemented         □ Partially implemented       □ Partially implemented						∃Pa ∃No	artia ot a	ally itter	imp npte	len ed	nen <sup>.</sup>	ted					
9						⊒Pa ⊒Nα ⊴Fι	artia ot a ully	ally itter imp	imp npto olen	len ed nen	nen ted	ted					
□ Partially implemented □ Not attempted  □ Fully implemented □ Partially implemented □ Not attempted □ Not attempted □ Partially implemented □ Partially implemented □ Partially implemented □ Not attempted □ Not attempted □ Not attempted □ Not attempted □ Partially implemented □ Partially implemented □ Partially implemented □ Partially implemented						□Pa □Nα □Fι □Pa	artia ot a ully artia	ally itter impally	imp npto olen imp	lem ed nen lem	nen ted	ted					
□Not attempted □Fully implemented □Partially implemented □Not attempted □Not attempted □Partially implemented □Partially implemented □Not attempted □Partially implemented □Not attempted □Partially implemented □Partially implemented □Partially implemented □Partially implemented	8					□Pa □No □Fu □Pa □No	artia ot a ully artia ot a	ally itter imp ally itter	imp npto olen imp npto	ed nen len	ted nen	ted					
DFully implemented	8					□Pa □No □Fu □Pa □No □Fu	artia ot a ully artia ot a ully	ally itter imp ally itter imp	imp npto olen imp npto olen	ed nen len ed nen	ted nen	ted					
Partially implemented □Not attempted □Partially implemented □Partially implemented □Not attempted □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented	8					□Pa □No □Pa □No □Fo	artia ot a ully artia ot a ully artia	ally itter imp ally itter imp	imp npto olen imp npto olen imp	ed nen lem ed nen	ted nen	ted					
Partially implemented □Not attempted □Partially implemented □Not attempted □Not attempted □Not attempted □Partially implemented □Partially implemented □Partially implemented	9					□Pa □Na □Pa □Na □Pa □Na	artia ot a ully artia ot a ully artia ot a ot a	ally itter imp ally itter imp ally	imp npto olen imp olen imp	ed nen lem ed nen ed	ted nen ited	ted					Only prints total price
11	9					□Pa □No □Pa □No □Pa □No □Fo	artia ully artia ot a ully artia ot a ot a ot a	ally itter imp ally itter imp ally itter imp	imptoplem	olement of the color of the col	ted nen	ted					
□ Partially implemented □ Not attempted  12 □ Fully implemented □ Partially implemented	9					□Pa □Pa □Pa □Pa □Pa □Pa □Pa □Pa	artia  ot a  ully  artia  ot a  ully  artia  ully  artia  artia  artia	ally itter imp itter imp ally itter imp	imptoplen imptoplen imptoplen imptoplen imptoplen	ed nen llem ed nen llem ed llem	ted nen	ted				N	No customer information is
□Not attempted □Second Fully implemented □Partially implemented	9					Pa No Fu Pa No Pa No Pa No	artia ot a ully artia ot a ully artia ot a ully artia ot a ully	ally  Itter  imp  Itter  imp  Itter  imp  Itter  imp  Itter  imp  Itter  imp	imptopler imptopler imptopler imptopler imptopler	ed nen llem ed nen llem ed nen	ted ted nen ted nen	ted				N	No customer information is
12	9					Pa No Fu Pa No Pa No Pa No Pa Pa Fu Fu Fu	artia ot a ully artia ot a ully artia ot a ully artia ot a ully artia	ally tter imp ally tter imp ally ally tter imp ally tter imp	imptoplem	ed nen llen ed nen ed nen ed men	ted ted ted nen	ted				N	No customer information is
□Partially implemented	9					Pa   No   Pa   Pa   Pa   Pa   Pa   Pa   Pa	artia  ot a  ully  artia  ot a  ully  artia  ot a  ully  artia  ot a  ully  artia  artia  artia	ally tter imp ally tter imp ally tter imp ally tter imp	imptoplement important importa	ed nem ed	ted ted ted nen	ted				N	No customer information is
· · ·	8 9 10					Pa   No   Pa   Pa   Pa   Pa   Pa   Pa   Pa   Pa	artia  ot a  ully  artia  ot a  ully  artia  ot a  ully  artia  ot a  ully  artia  ot a  ot a	ally itter imp ally itter imp ally itter imp ally itter imp	imp mpto imp mpto olen imp mpto olen imp	ed nen len len len len len len len len len	ted ted ted nen ted nen ted	ted				N	No customer information is
	8 9 10					Pa No Fu Pa Pa Pa Pa Pa Pa Pa Pa Pa Pa Pa Pa Pa	artia  ot a  ully  artia	ally  itter imp ally itter imp ally itter imp ally itter imp ally itter imp ally itter imp	imp mpto oler imp mpto oler imp mpto oler imp	ed nen nen ed nen ed nen ed nen	ted ted ted nen tted nen tted nen tted	ted	I			N	No customer information is

# 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	Pass/Fail
Buy seat A5	- 1	Output Seat A6	Seat A6	⊠Pass
Buy Seat A3	- A5	purchased	purchased	□Fail
		successfully!	successfully!	
Buy seat D14	- 1	Seat D14	Seat D14	⊠Pass
	- D14	purchased successfully!	purchased successfully!	□Fail
Cancel seat	- 2	Seat D14	Seat D14	⊠Pass
D14	- D 14	cancelled	cancelled	□Fail
		successfully!	successfully!	2
Buy seat A5	- 1	Seat A6 is	Seat A6 is	⊠Pass
that is already booked	- A5	already booked.	already booked.	□Fail
Cancel seat	- 2	Seat D14 is	Seat D14 is	⊠Pass
D24 that is not booked	- D14	already free.	already free.	□Fail
Show seating	- 4	Seats booked	Seats booked	⊠Pass
plan		(A6) shows with	(A6) shows with	□Fail
		an X, free seats show as 0	an X, free seats show as 0	
Buy seat E14	- 1	Invalid row or	Invalid row or	⊠Pass
Day Sout E14	- E 14	seat number	seat number	□Fail
		entered.	entered. Please try again.	

#### Part B testing

Test case /	Input	Expected	Output	Pass/Fail
scenario	•	Output	-	
Buy seat B 3	- 1 - B 3 - Enter name - Enter surname - Enter	Seat B3 purchased successfully!	Seat B3 purchased successfully! File created: TicketA4.txt	⊠Pass □Fail
	email			
Find first seat available when A1 is booked	- 3	Seat A2 is available	Seat A2 is available	⊠Pass □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	⊠Pass □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!	⊠Pass □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.	⊠Pass □Fail
Searching ticket A1 when it is not booked	-	6 A 1	Seat A1 is available	Seat A1 is available	⊠Pass □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.	⊠Pass □Fail

e there any s	specific parts o	of the course	work which y	ou would lik	ce to get fee	dback?

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 <u>only</u>, with a <u>maximum mark capped at 30 marks</u> for the coursework.