

Testing Documentation

Test 1	
Description	When user inputs invalid character
Input	S, a, q
Expected Output	Enter character, Invalid character, Enter character, Invalid character, Enter character, Thank you
Actual Output	<p>Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit S *** Invalid character Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit a *** Invalid character Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit q Thank You!!</p>

Test 2	
Description	When user books a seat and quits
Input	b, Smith, q
Expected Output	Enter character, Enter your name, Seat, Enter character, Thank you
Actual Output	<p>Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: Smith Seat 0 : Smith Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit q</p>

	Thank You!!
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Test 3	
Description	When user cancels a seat after booking
Input	B, Smith, c, Smith, q
Expected Output	Enter character, Enter your name, Seat, Enter character, Enter your name, Seat Cancelled, Enter character, Thank you
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>B</p> <p>Hello! Enter your name:</p> <p>Smith</p> <p>Seat 0 : Smith</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>c</p> <p>Enter your name:</p> <p>Smith</p> <p>Seat 0 Cancelled</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>q</p> <p>Thank You!!</p>

Test 4	
Description	When user cancels a seat without booking
Input	C, Smith, Q

Expected Output	Enter character, Enter your name, No seat, Enter character, Thank you
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>C</p> <p>Enter your name:</p> <p>Smith</p> <p>No one with name Smith has a seat in the plane</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>Q</p> <p>Thank You!!</p>

Test 5	
Description	When user wants to cancel a seat, but no seat is under that name
Input	B, Smit, b, man, b, woman, b, child, c, dog, Q
Expected Output	Enter character, enter your name, seat, enter character, enter your name, seat, enter character, enter your name, enter character, enter your name, enter character, enter name, no seat, thank you
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>B</p> <p>Hello! Enter your name:</p> <p>Smith</p> <p>Seat 0 : Smith</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>b</p> <p>Hello! Enter your name:</p> <p>man</p> <p>Seat 1 : man</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p>

	b Hello! Enter your name: woman Seat 2 : woman Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit B Hello! Enter your name: child Seat 3 : child Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit c Enter your name: dog No one with name dog has a seat in the plane Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit Q Thank You!!
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Test 6	
Description	When user wants to print out all the seats
Input	p
Expected Output	seats
Actual Output	Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit p Seat 0 : Seat 1 : Seat 2 : Seat 3 :

	Seat 4 : Seat 5 : Seat 6 : Seat 7 : Seat 8 : Seat 9 : Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit Q Thank You!!
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Test 7	
Description	When user enters invalid character after entering valid characters
Input	C, smith, s, b, Mill, q
Expected Output	Enter character, enter name, no one, enter character, enter name, seat, enter character, thank you
Actual Output	Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit C Enter your name: smith No one with name smith has a seat in the plane Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: Mill Seat 0 : Mill Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit q Thank You!!

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Test 8	
Description	When user wants to quit
Input	Q
Expected Output	Thank you
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>Q</p> <p>Thank You!!</p>

Test 9	
Description	When all the seats have been booked
Input	B, smith, b, mill, b, nick, b, grim, b, Ron, b, harry, b, malfoy, b, Jim, b, duck, B, wolf, b, van, q
Expected Output	Sorry van, no seat available
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>B</p> <p>Hello! Enter your name:</p> <p>smith</p> <p>Seat 0 : smith</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>b</p> <p>Hello! Enter your name:</p> <p>mill</p> <p>Seat 1 : mill</p> <p>Welcome to Air Canada</p>

	<p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: nick Seat 2 : nick Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: grim Seat 3 : grim Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: Ron Seat 4 : Ron Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: harry Seat 5 : harry Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: malfoy Seat 6 : malfoy Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: Jim Seat 7 : Jim Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p>
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	b Hello! Enter your name: duck Seat 8 : duck Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: wolf Seat 9 : wolf Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit b Hello! Enter your name: van van, sorry, no seat available, the plane is Full! Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit q Thank You!!
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Test 10	
Description	Booking seats then printing them
Input	B, mill, b, hill, b, wolf, P, Q
Expected Output	Enter character, enter name, seat, enter character, enter name, seat, enter character, enter name, seat, enter character, seats are printed, thank you
Actual Output	Welcome to Air Canada Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit B Hello! Enter your name: mill

	<p>Seat 0 : mill</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>b</p> <p>Hello! Enter your name:</p> <p>hill</p> <p>Seat 1 : hill</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>b</p> <p>Hello! Enter your name:</p> <p>wolf</p> <p>Seat 2 : wolf</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>P</p> <p>Seat 0 : mill</p> <p>Seat 1 : hill</p> <p>Seat 2 : wolf</p> <p>Seat 3 :</p> <p>Seat 4 :</p> <p>Seat 5 :</p> <p>Seat 6 :</p> <p>Seat 7 :</p> <p>Seat 8 :</p> <p>Seat 9 :</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>Q</p> <p>Thank You!!</p>
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Test 11	
Description	When user wants to cancel a seat but enters in uppercase when he entered in small case while booking seat
Input	B, smith, c, SMITH, Q
Expected Output	Enter character, enter name, enter character, enter name, enter character, thank you
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>B</p> <p>Hello! Enter your name:</p> <p>smith</p> <p>Seat 0 : smith</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>c</p> <p>Enter your name:</p> <p>smith</p> <p>Seat 0 Cancelled</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>q</p> <p>Thank You!!</p>

Test 12	
Description	Two people with same names book seat
Input	B, smith, b, smith, Q
Expected Output	Enter character, Enter name, Enter character, sorry, Enter name, Enter character, thank you
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>B</p> <p>Hello! Enter your name:</p> <p>smith</p>

	<p>Seat 0 : smith</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>b</p> <p>Hello! Enter your name:</p> <p>smith</p> <p>Sorry, a seat ia already booked under this name.</p> <p>Hello! Enter your name:</p> <p>Smith</p> <p>Seat 1 : Smith</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>Q</p> <p>Thank You!!</p>
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Test 9	
Description	Uppercase and lowercase matters
Input	B, Smith, C, smith, c, Smith, q
Expected Output	Sorry no seat under the name
Actual Output	<p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>B</p> <p>Hello! Enter your name:</p> <p>Smith</p> <p>Seat 0 : Smith</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>C</p> <p>Enter your name:</p> <p>smith</p> <p>No one with name smith has a seat in the plane</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p>

	<p>c</p> <p>Enter your name:</p> <p>Smith</p> <p>Seat 0 Cancelled</p> <p>Welcome to Air Canada</p> <p>Enter what you want to do, (b/B) to book a seat, (c/C) to cancel a seat. (p/P) to print seating arrangement or (q/Q) to quit</p> <p>q</p> <p>Thank You!!</p>
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