

- Economy plus - assigned random seating in the plane. Does not choose their seat
- Economy block - purchases more than 1 seat.

I want to start off by saying that the method names are very confusing. As I talk about well named variables with my students, to help make the program easy to read, this is a case where I would change the names.

Being able to distinguish between which people choose random seating and which choose their seat is really hard to distinguish.

I know the issue is assigning block seating because you are unaware of who has a family with small children. There should be a section on the website that ask if the family is flying with small children and then allows them to choose their seats without any extra cost to avoid separating children from families. If there is not enough in a row, then it gives the parents options to choose their seats and separate their family as they please.

1. Prompt the user to ask if they are traveling with children
2. Then create another function to bring the parents to a place where they can choose their seats based on what is available.
3. Then update the plane seating chart
4. then what is left fill it in from front to back, starting with the larger parties first
5. Then go down the loop seating by finally seating the individuals last.

It can be more difficult because you will have to create additional functions to check some of the beginning requirements and also an issue with seating large blocks of parties who do not have kids, as they will be separated. It also can cause errors such as finding a loop that can accommodate doing the larger parties first then the smaller parties. Another option can be to separate the groups without small children into individuals and then place them 1 by 1 into the empty seat and therefore there is no discriminations on who get priority.