Pseudocode:

1. User input the number of people in team, the floor in which their office is located, and the meeting time.
2. The available time, maximum occupants, room floor and number of each room is stored to an array
3. For loop executed to eliminate rooms that do not meet the number of people in the meeting
4. If all rooms are eliminated, there is no room that can hold that many people, consider to divide the party.
5. For loop executed to add all the size-capable rooms AND available at the desired time into a new array list called “ans”.
6. If there are still multiple rooms in the array list, binarySearchRecursive method will return one single room that is closest to the room that the team’s office is located.