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**Group one section 1**

**Name *id number***

1. **Abdulkerim adem 0020/15**
2. **Abdulaziz ayalew 0014/15**
3. **Abdulaziz mohammedsani 0015/15**
4. **Abdurehim misbah 0013/15**
5. **Abdulhakim kedir 0017/15**
6. **Abdurehman meta 0024/15**
7. **Abdurezak mohammed 0026/15**
8. **Abel teferi 0035/15**
9. **Abel getachew 0044/15**

**10, Abel tsegaye 0049/15**

**PSEUDOCODE FOR THE AIRLINE CODE**

1. **Initialization**

* Create variables for passport numbers, names, sexes, and ages.
* Set counters for first-class (fcc) and economy-class (ecc) seats.

1. **Display main menu:**

* Present options: Assign a seat, Display options (search, seat status), Exit.
* Take user's choice input.

1. **Assign seat:**

* Display seat options: First Class (1-30), Economy Class (31-100), Return to home page.
* Take user's class choice input
* For First Class:
* If First Class is full, ask if Economy is acceptable. If yes, proceed to Economy. If no, display the next flight message
* If seats are available, prompt for passenger details (name, sex, age, passport number) and display a boarding pass.
* Increment the first-class counter.
* For Economy Class:
* If Economy Class is full, ask if First Class is acceptable. If yes, proceed to First Class. If no, display the next flight message.
* If seats are available, prompt for passenger details and display a boarding pass.
* Increment the economy-class counter.

1. **Display options:**

* Present options: Search person (using passport number), Display seat status, Return to home page.
* Take user's display choice input.
* For Search:
* Prompt for a passport number to search.
* Iterate through passenger data and display details if a match is found.
* For Seat Status:
* Display the status of occupied seats in both First Class and Economy Class.

1. **Exit:**