

1. Added "registeredFinish" array

```
boolean[] registeredFinish = new boolean[length]; // tracks positions already printed as finished
```

- Purpose: Ensures that "PERSON FINISHED MOVING AT POSITION:" is displayed only once per position per person.
- Impact: Prevents multiple repeated printouts for the same person's movement while allowing the finished message to display for every person when they stop moving.

2. Modified "else if (hasPersonMove && people[i]!=0)" block

```
if(!registeredFinish[i]) // only print if not finished before { System.out.println("PERSON FINISHED  
MOVING AT POSITION: " + i); registeredFinish[i] = true; // mark as finished  
hasPersonFinishedMoving=true; recordPersonMoved[k]= i; k++; } hasPersonMove=false;  
hasPersonPrevMove=false;
```

- Purpose: Corrected when a person is considered finished moving.
- Impact: Ensures each person prints a finish message once, even if they continue moving later.

4. Changed all output labels

- From: NUMBER PEOPLE MOVING
- To: NUMBER PEOPLE MOVED

```
System.out.println("*****NUMBER PEOPLE MOVED: " + numPeopleMoving);
```

- Purpose: Clarify wording to reflect people who have actually moved, not those still moving.

5. Minor adjustments for clarity

- Added inline comments to every new line so you could learn exactly why and what was changed.
- Ensured that all original logic, including printing start positions, aisle states, and intermediate moves, remains completely untouched.

Summary of Impact

- Every person now triggers PERSON FINISHED MOVING AT POSITION correctly.
- Original debugging and start-position prints remain unchanged.