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branching.py

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```
1 ROWS = 4
2 COLUMNS = ["A", "B", "C", "D", "E"]
3
4 # seats["1A"] = {
5 #     "class": "First" or "Economy",
6 #     "emergency": True/False,
7 #     "taken": True/False,
8 #     "fee": 0 or first-class fee
9 # }
10 seats = {}
11
12 for row in range(1, ROWS + 1):
13     for col in COLUMNS:
14         code = f"{row}{col}"
15         seat_info = {
16             "class": "First" if row == 1 else "Economy",
17             "emergency": True if row in (2, 3) else False,
18             "taken": False,
19             "fee": 50 if row == 1 else 0 # change 50 to whatever fee you want
20         }
21         seats[code] = seat_info
22
23
24 def print_seat_map(): 1 usage new *
25     """Print the current seat map with availability."""
26     print("\nCurrent Seat Map")
27     print("Legend: [ ] = available, [X] = taken\n")
28
29     for row in range(1, ROWS + 1):
30
```