Saving ticket

Saving ticket

Economy ticket

7:00 pm

Economy ticket

4:00pm

9:30 am

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Conditions | Valid  Partitions | Tag | Invalid Partitions | Tag | Valid Boundaries | Tag | Invalid Boundaries | Tag | |
| Economy ticket | 4:00am to 9:29am  4:00pm to 7:00pm | V1  V2 | 9:30am to 3:59pm  7:01pm to 3:59am | X1  X2 | 4:00am  9:29am  4:00pm  7:00pm | B1  B2  B3  B4 | 3:59am  9:30am  3:59pm  7:01pm | D1  D2  D3  D4 | |
| Saving ticket | 9:30am to 3:59pm  7:01pm to 12:00am | V3  V4 | 4:00am to 9:29am  4:00pm to 7:00pm  12:01am to 3:59am | X4  X5  X6 | 9:30am  3:59pm  7:01pm  12:00am | B5  B6  B7  B8 | 9:29am  4:00pm  7:00pm  12:01am | D5  D6  D7  D8 |

Test case

|  |  |  |  |
| --- | --- | --- | --- |
| Test Case | Input | Expected Outcome | New Tags Covered |
| 1 | Hour: 4:00am | Ticket: Economy | V1, B1, D6 |
| 2 | Hour:7:00pm | Ticket: Economy | V2, B4, D7 |
| 3 | Hour: 6:00am | Ticket: Economy | V1 |
| 4 | Hour: 5:00pm | Ticket: Economy | V2 |
| 5 | Hour: 9:30am | Ticket: Saving | V2, B5, D2 |
| 6 | Hour: 3:59pm | Ticket: Saving | V2, B6, D3 |
| 7 | Hour: 7:01pm | Ticket: Saving | V4, B7, D4 |
| 8 | Hour: 12:00am | Ticket: Saving | V4, B8 |
| 9 | Hour: 12:01am | Not ticket | X2, X6, D8 |
| 10 | Hour: 3:59am | Not ticket | X2, X6, D1 |