

Implement an airline flight reservation system.

It should have the following capabilities:

- Display available flights between two airports with prices on a given date. Each airport will be identified by a three letter code (e.g. HYD for Hyderabad).
- Book seats on a flight between two places.
- After booking, display a summary of the booking.
- In-flight meals will have additional charges.
- Cancel a booked flight and display the refund amount.
- Surge pricing - When the number of remaining seats is 5 or less, the price goes up by 5%. You can assume the total number of seats to be a small number for simplicity.

Requirements:

- Use a programming language of your choice (C, Java, Python, Go etc)
- Submit your code as a zipped file. Include a text file with instructions on how to run it.
- Your system should have a CLI (command line interface) for interaction which takes inputs from the user.

Time: 2 hours.