CS 566 Draft Assignment 5

1.

In this part of the project, I will use dynamic programming algorithms to allocate them to the corresponding flights according to the needs of travelers in New York. If some passengers want to go to San Francisco, San Francisco is a U.S. city, then it should be assigned to the United States in the United States On flights, domestic flights have separated from various regions, and San Francisco is in western United States, so he should allocate him to flights flying to western United States through the Dynamic Programming algorithm. If a passenger wants to go to Hong Kong, Hong Kong is not a U.S. city, it should be assigned to international flights, and international flights have separated from various regions, and Hong Kong is in Asia, so it should be assigned him to fly to Asian flight (international)

3.1

1. The first packages need to be included, the areas where each flight goes, if the area is in the United States, marked as domestic such as the eastern United States, domestic and the western United States, domestic etc. or marked as international like Asia,international etc.
2. The first package needs to be included. The destination cities and destination cities area where each passenger wants to go.
3. The output result of the final system should include the area where the flight head is, and the passenger ID brought by this flight, such as "Flight to the West of the United States: Passenger 1, Passenger 3, Passenger 6"

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Because the needs of each passenger are different, the system needs to allocate the flights they ride according to the needs of these passengers. For example, if passengers need to go to Australia, Australia is not the United States, so it is an international flight. It can be assigned to the flight of the former Oceania.