**18.2**

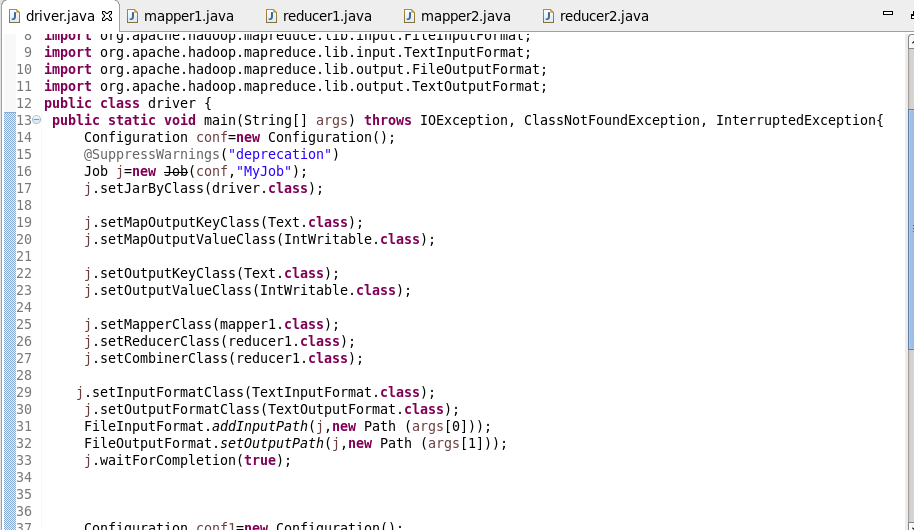
**Problem 1:**

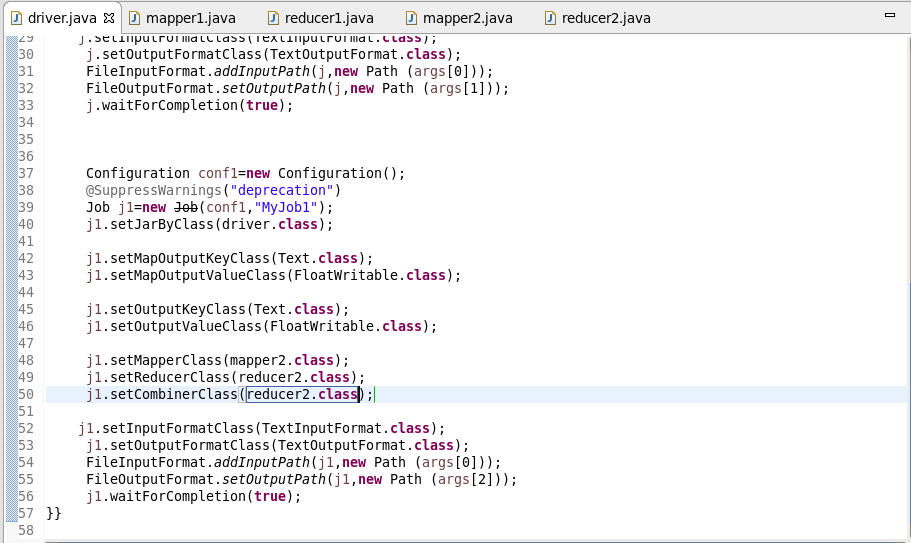
Find out the top 10 destination people travel the most: Based on the given data, we can find the most popular destination that people travel frequently. There are many destinations out of which we will find only first 20, based on trips booked for particular destinations.

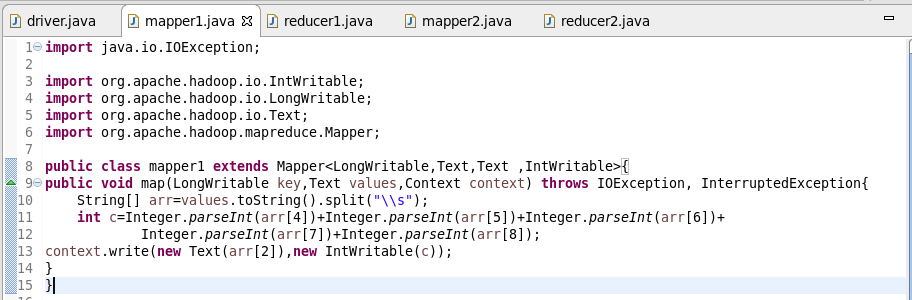
**Problem 2:**

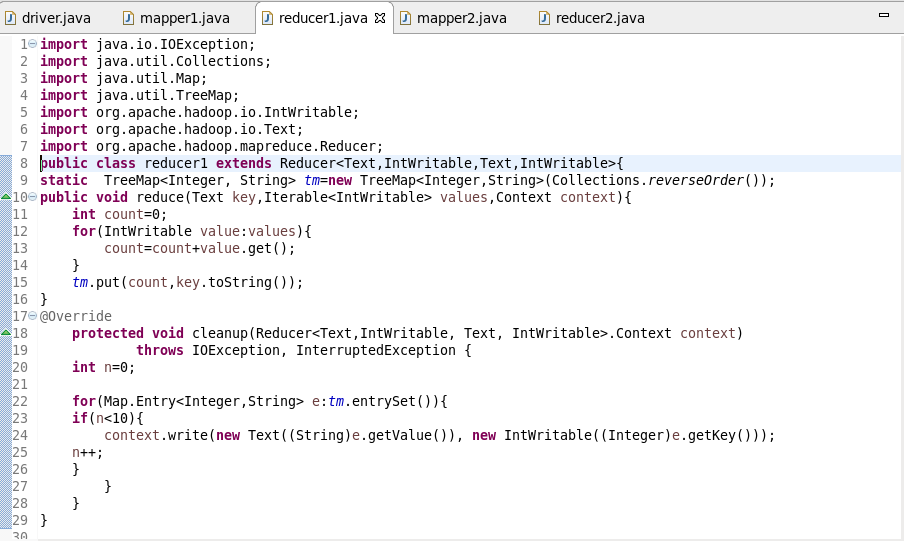
Find out the top 10 cities that generate high airline revenues for travel, so that the site can concentrate on offering discount on booking, to those cities to attract more bookings. Note: Implement Top-k design patterns in mapreduce for solving the problem statements.

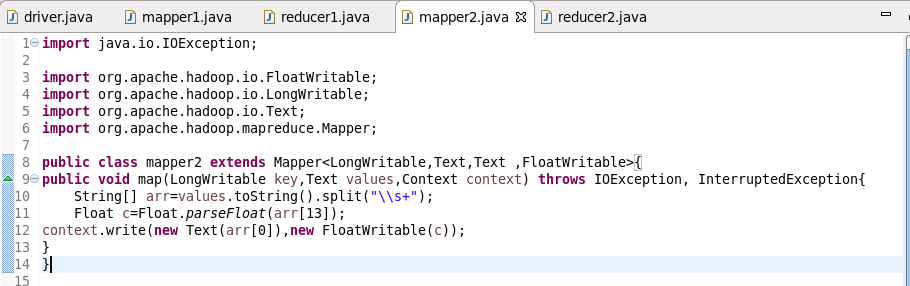
**Program:**

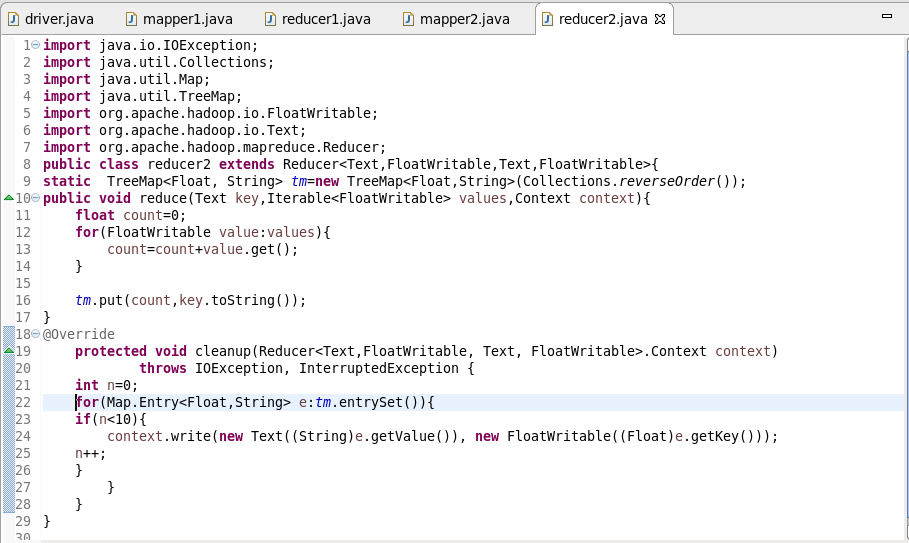
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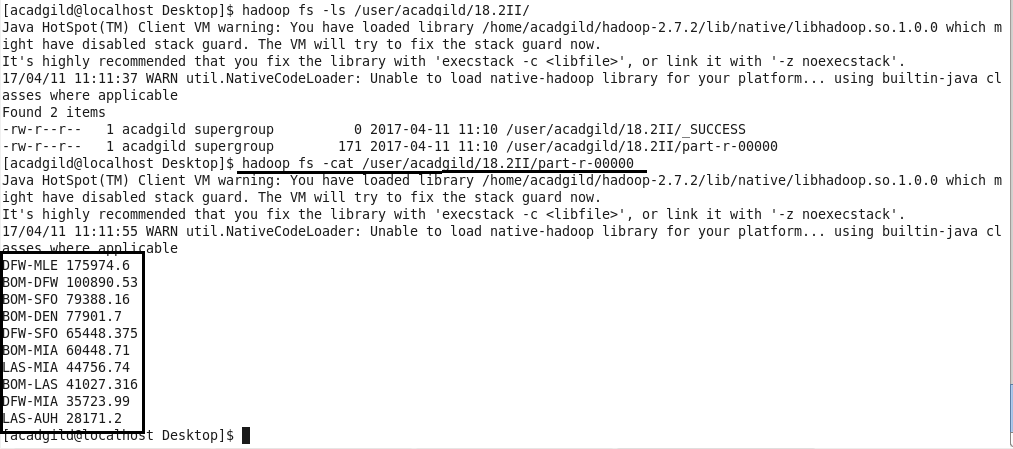
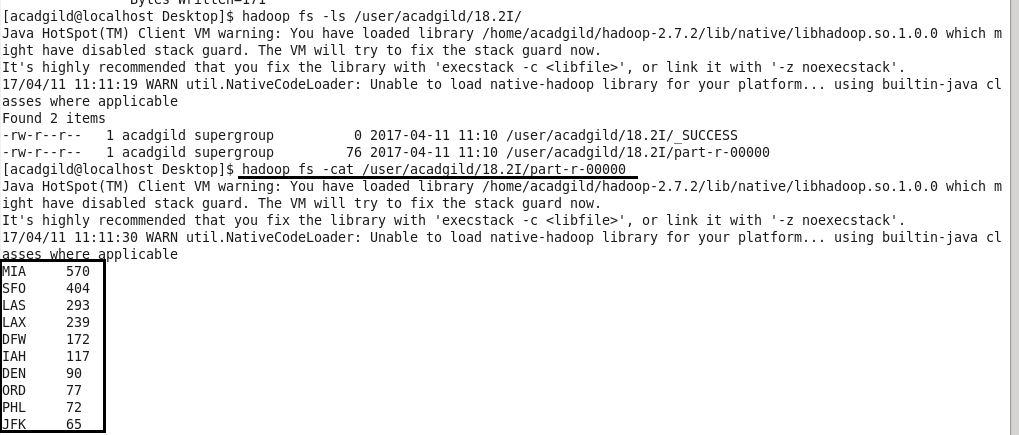
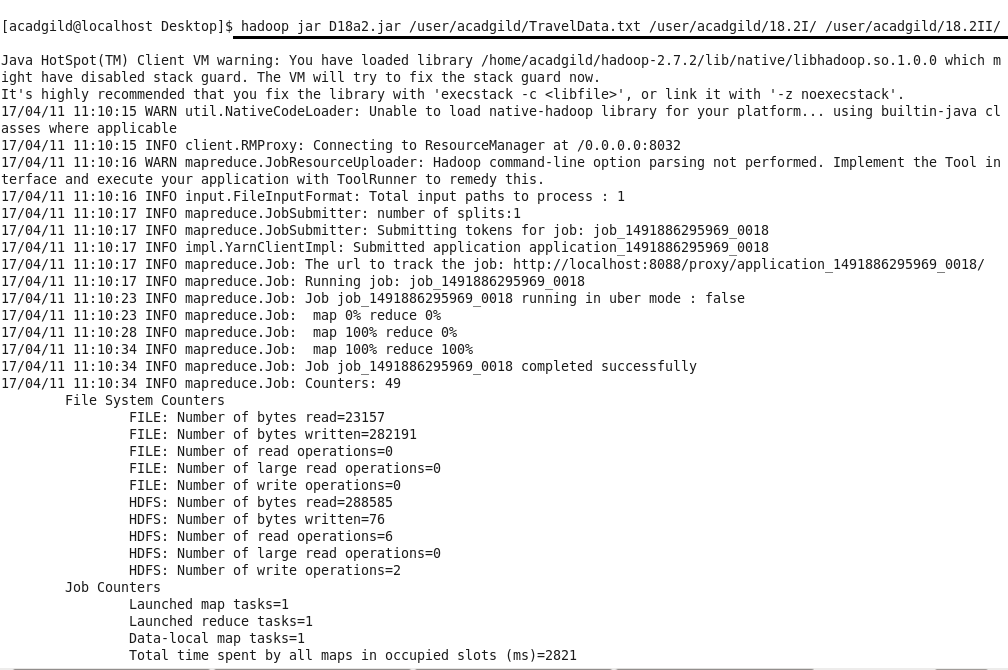
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**Output:**

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