Lab 8

You are building an app for a travel agency, for which you need to implement the following classes:

Client
String name
String address
String email

Ticket
String origin
String destination
Client client
double price

You need to define a list with at least 10 tickets and implement the following requirements using Streams API:

1. Create a method that receives the list of tickets and a destination as parameters. It returns the number of tickets having that destination.
2. Create a method that receives the list of tickets and a client email as parameters. It prints in the console the details of the tickets reserved for that client email.
3. Create a method that receives the list of tickets and a client email as parameters. It checks if there is at least one ticket reserved for that client email.
4. Create a method that receives the list of tickets as parameter. It returns the average value of the tickets.
5. Create a method that receives the list of tickets and a city name as parameters. It returns the number of tickets reserved for clients from that city.
6. Create a method that receives the list of tickets as parameter. It checks if all ticket clients have an email address defined.