Complete the following program which models a car rental kiosk, and handles user requests as detailed below.

The program should first accept the number of car rental requests, and then accept details of each request in the following format.

Total number of passengers in the group for the rental request.

Destination of the visit.

These values are used for initialization of fields inside the constructor of **`CarRental`** class.

There is a HashMap called **`available_destinations`** which contains a set of preassigned destinations and the fare for dropping at that destination. This map is also initialized in the constructor of **`CarRental`** class.

The **`carBooker()`** method processes the booking requests, and should have the following functionalities:

It should retrieve the fare for the chosen destination from the **`available_destinations`** map and calculate the fare per head by dividing the fare for the destination by **`passenger_count`**. Then, it should print the destination and the fare per head, in the format shown in the public test cases.

The method should generate/handle the following exceptions.

`ImproperHeadCountException` should be thrown when passenger_count is zero or negative. The catch block handling this exception should print the exception type along with the message: ``**`Head count should be positive non-zero value`**".

If the **`chosen_destination`** is not found in available_destinations, a **`NullPointerException`** is thrown. The catch block handling this should create a new exception called **`WrongDestinationException`**, set the new exception as the cause of the **`NullPointerException`**, and then re-throw it. **`WrongDestinationException`** object should be created such that when **`getCause()`** is called, it prints the message as shown in the public test cases.

Test Case 1

Input	Expected Output	Actual Output
3 0 Marina Beach 4 Elliot's Beach 5 Taj Mahal	ImproperHeadCountException: Head count should Destination: Elliot's Beach, Head cost: 1250.0 WrongDestinationException: Invalid destination	ImproperHeadCountException: Head count should Destination: Elliot's Beach, Head cost: 1250.0\n WrongDestinationException: Invalid destination\n

Test Case 2

Input	Expected Output	Actual Output
2 -8 Sanchi Stupa 7 Film City	ImproperHeadCountException: Head count should Destination: Film City, Head cost: 1142.857142857	ImproperHeadCountException: Head count should Destination: Film City, Head cost: 1142.857142857