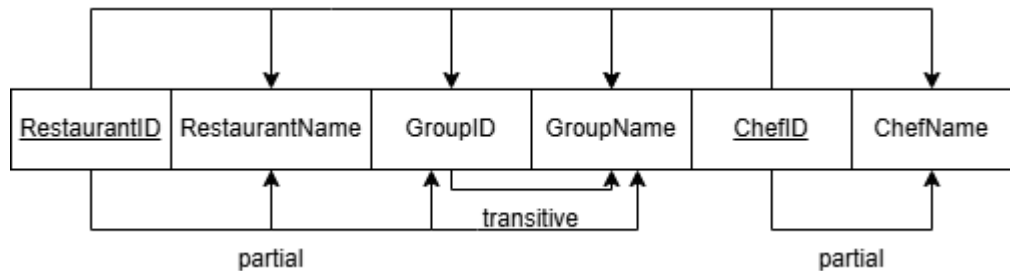


Question 2

1. The first step in making this table 2NF is to:

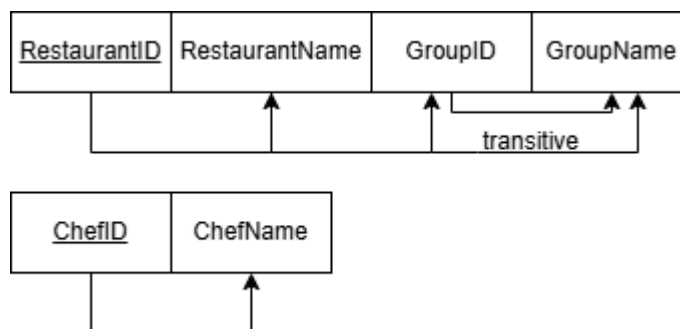
1. Step 1- Eliminate any partial dependencies:

Because each record identifies specific restaurants and chefs that work there, I made the RestaurantID and the ChefID the composite primary key (candidate keys), as each record can be uniquely identified with those two fields.



In this form we can represent this information using two different tables:

- RestaurantID (RestaurantID, RestaurantName, GroupID, GroupName)
- ChefID (ChefID, ChefName)



2. At this point the final step to normalise this to the third form is to remove transitive dependencies. This being between GroupID and GroupName:

<u>RestaurantID</u>	RestaurantName	GroupID
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<u>ChefID</u>	ChefName
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GroupID	GroupName
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