**Assignment 27.2**

**Problem Statement:**

Explain the following in brief by using the below datasets and their uses.

Link: <https://github.com/prateekATacadgild/DatasetsForCognizant/blob/master/order.txt>

Link:<https://github.com/prateekATacadgild/DatasetsForCognizant/blob/master/customers.txt>

● Join

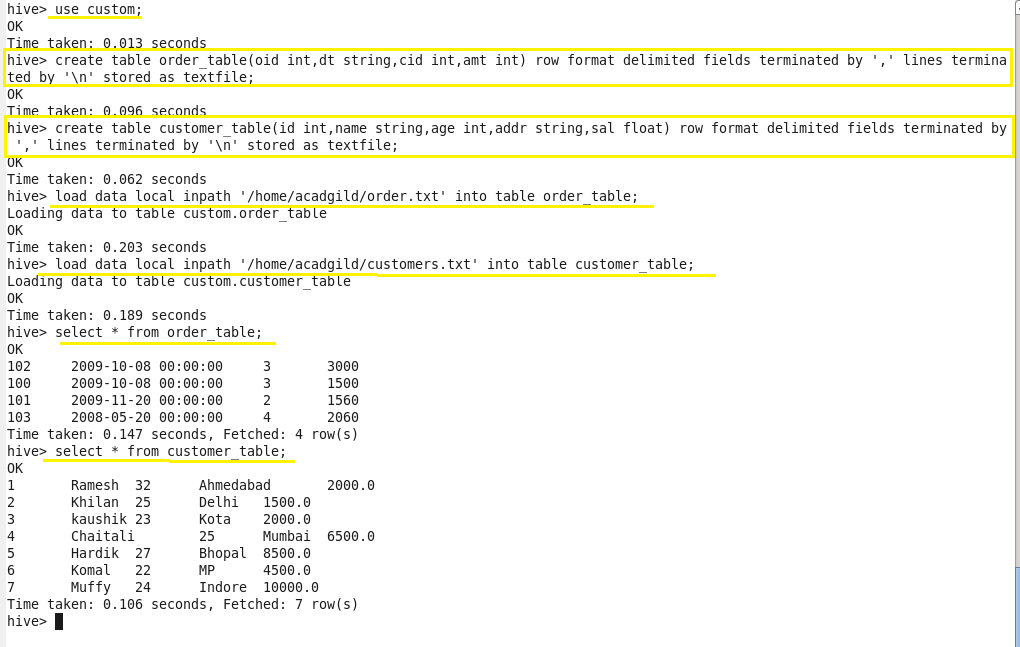
● Left Outer Join

● Right Outer Join

● Full Outer Join

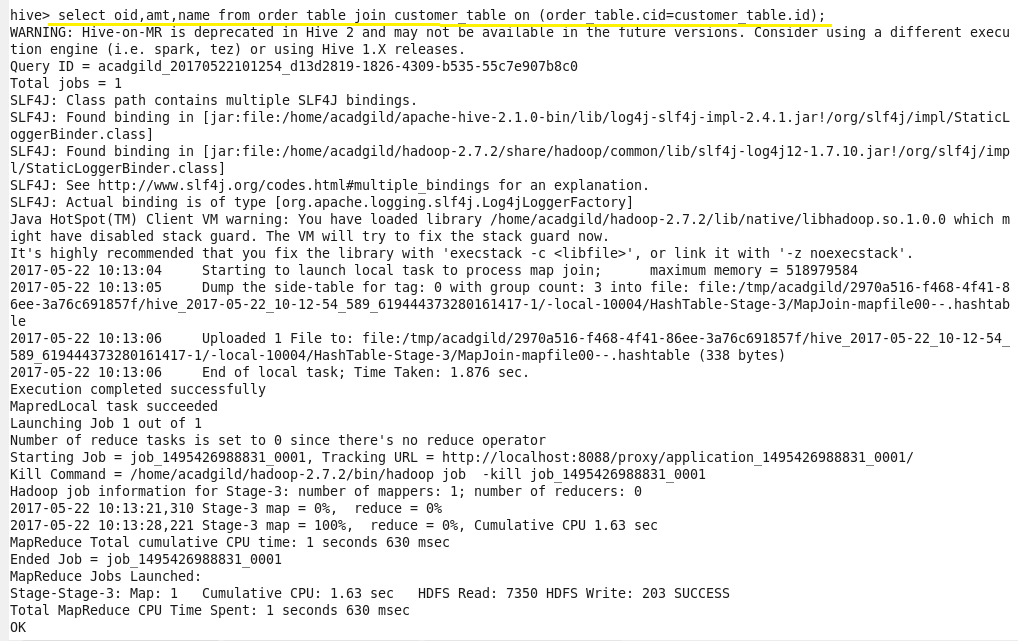
**Solution:**

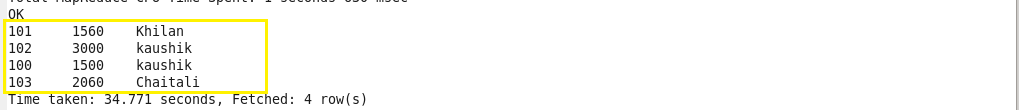
Here we have created two tables and we have loaded given datasets into these tables.



* **Join:**

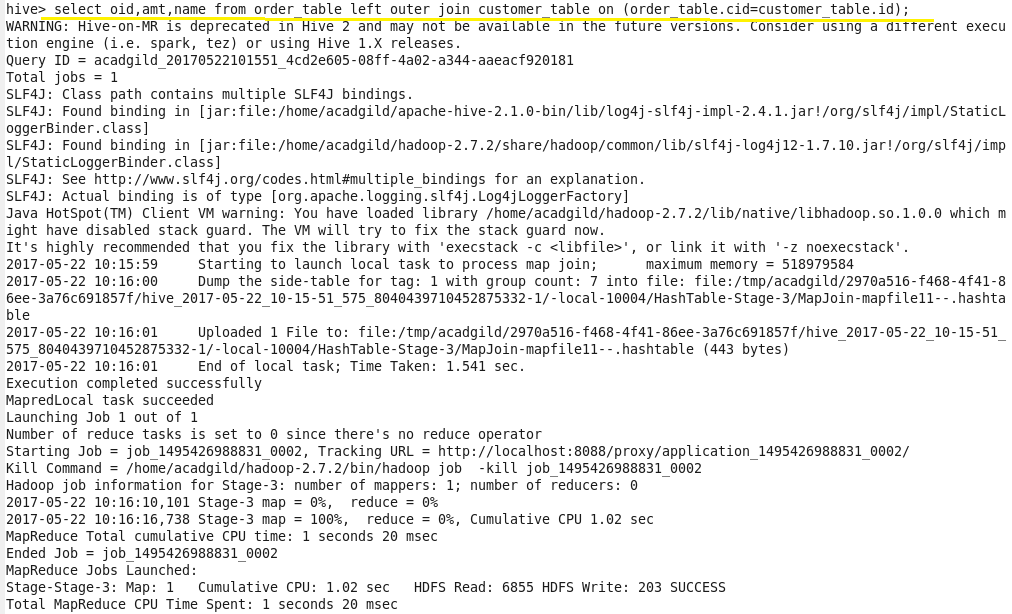
Select records that have matching values in both tables. Hive takes the last table in the JOIN statement for streaming.





* **Left Outer Join (Left Join):**

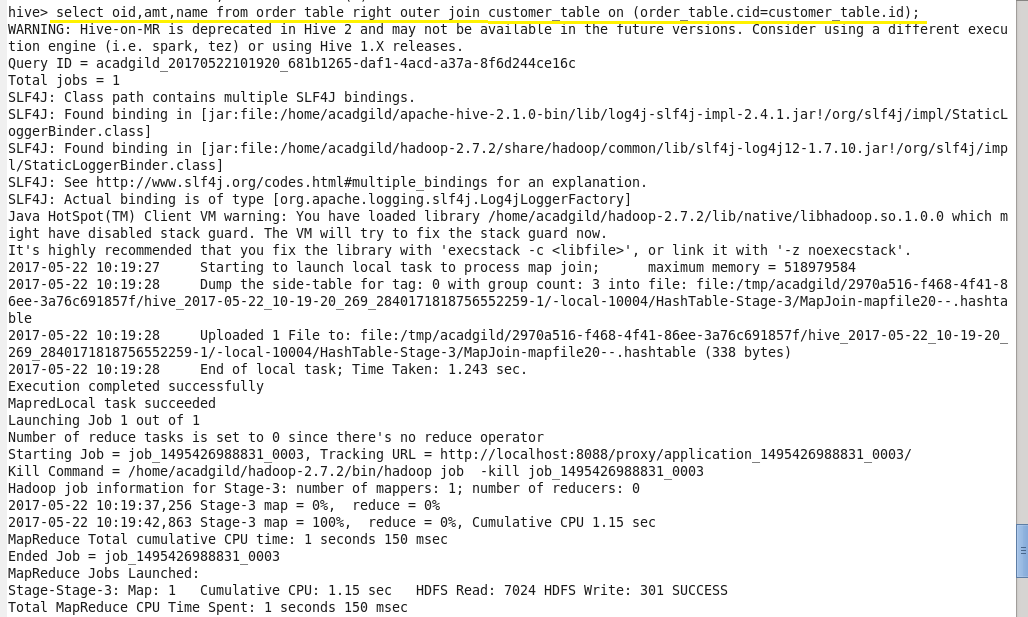
Returns all the values from the left table, plus the matched values from the right table, or NULL in case of no matching join predicate.





* **Right Outer Join (Right Join):**

Returns all the values from the right table, plus the matched values from the left table, or NULL in case of no matching join predicate.





* **Full Outer Join (Full Join):**

Selects all records that match either left or right table records.

