Problem Statement:

Using the below given two datasets you need to give a demo on the below joins in hive.

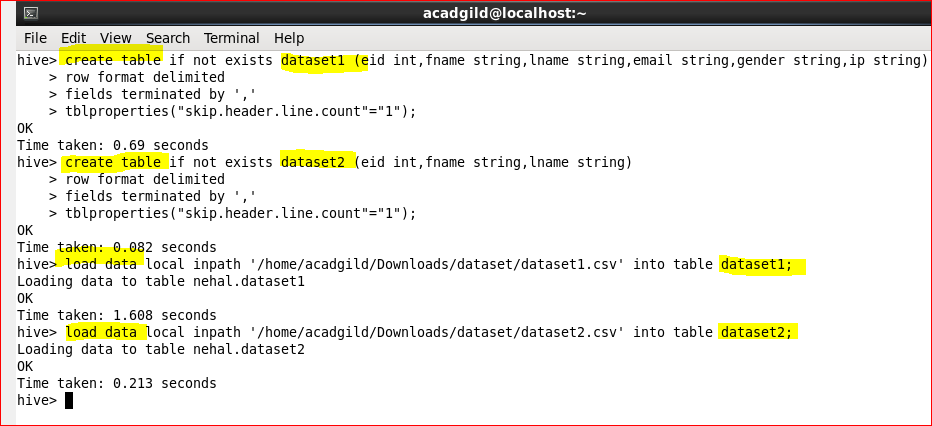
Bucket Map join

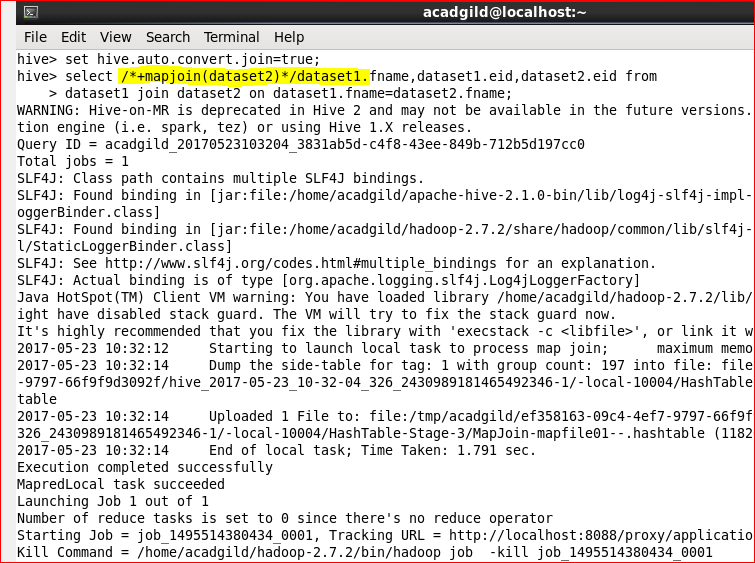
Sort-Merge Bucket join

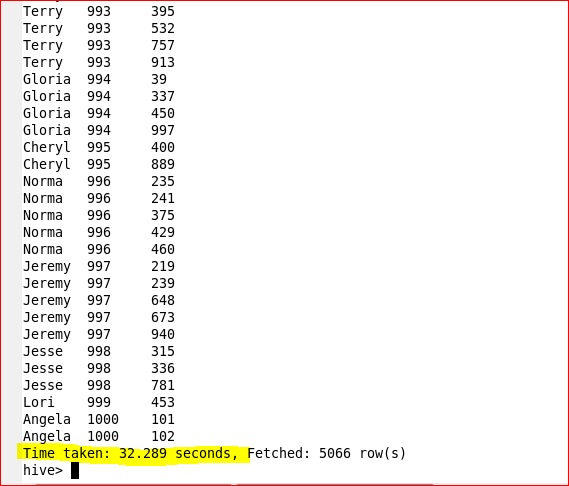
Sort-Merge Bucket Map join

Left semi join

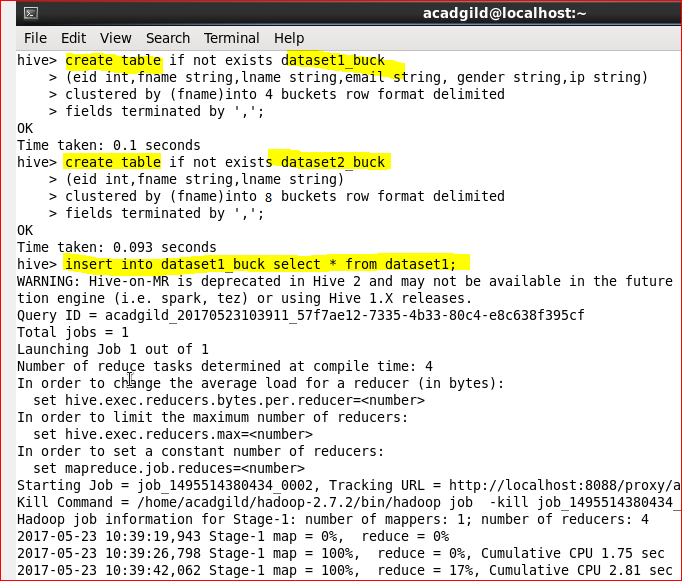
Map side join:

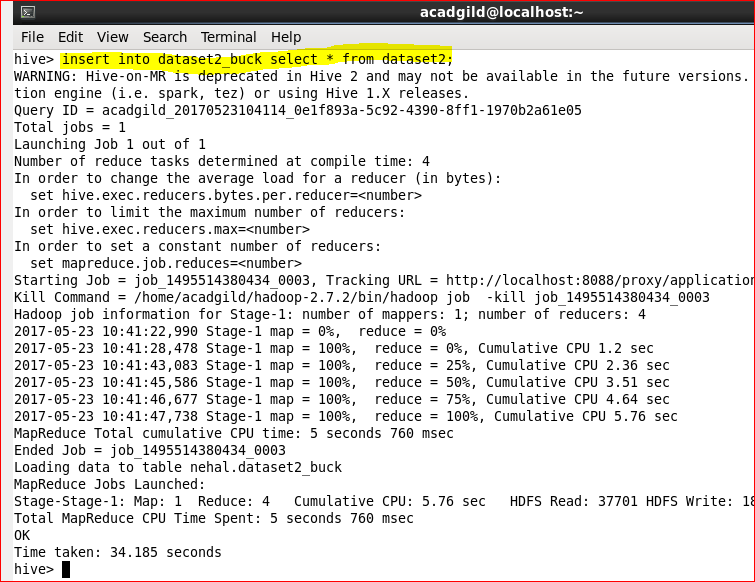


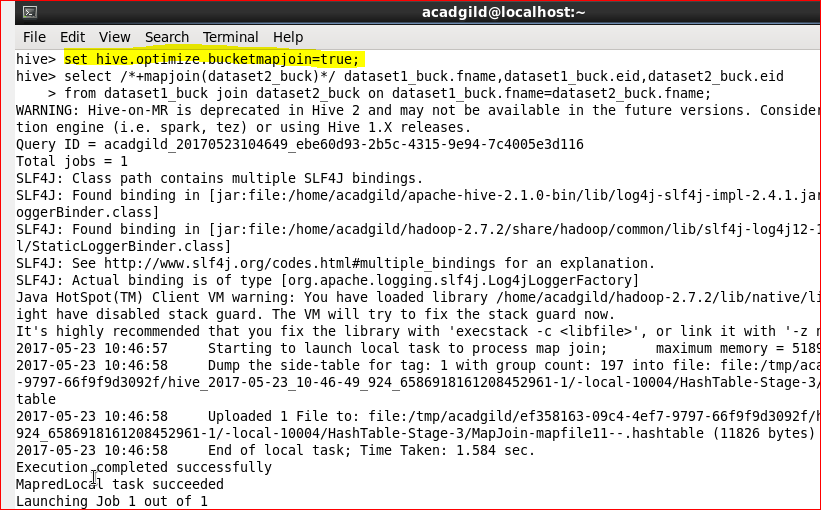


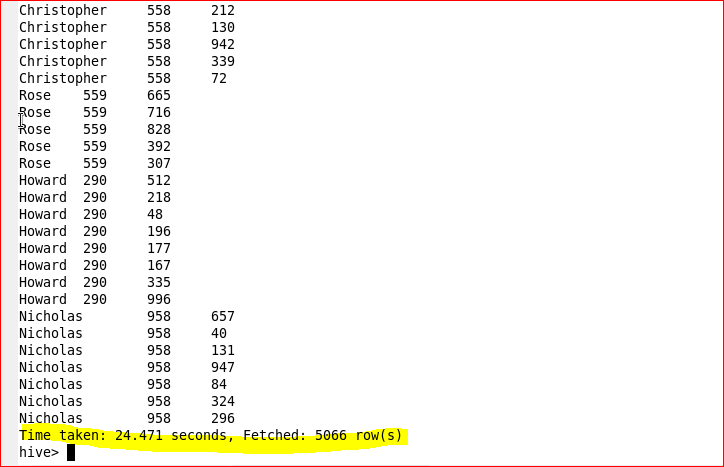


Bucket Map join:

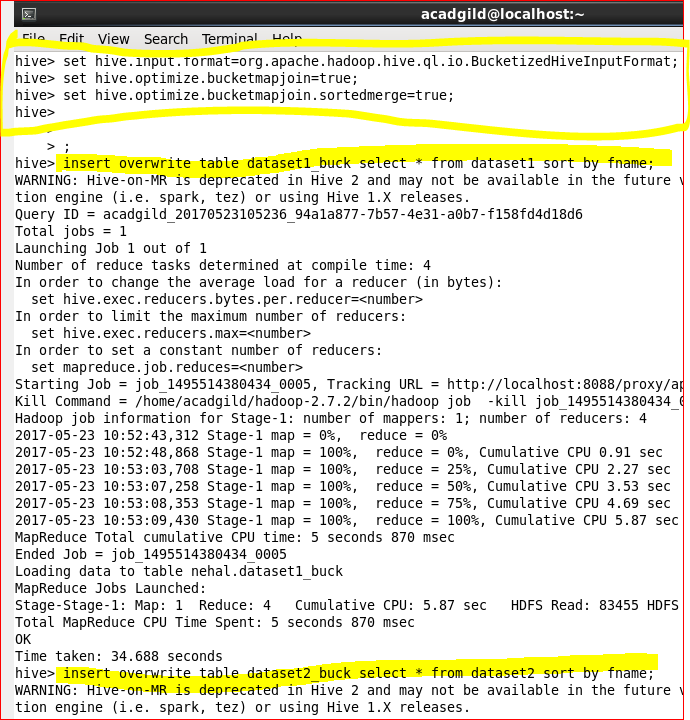


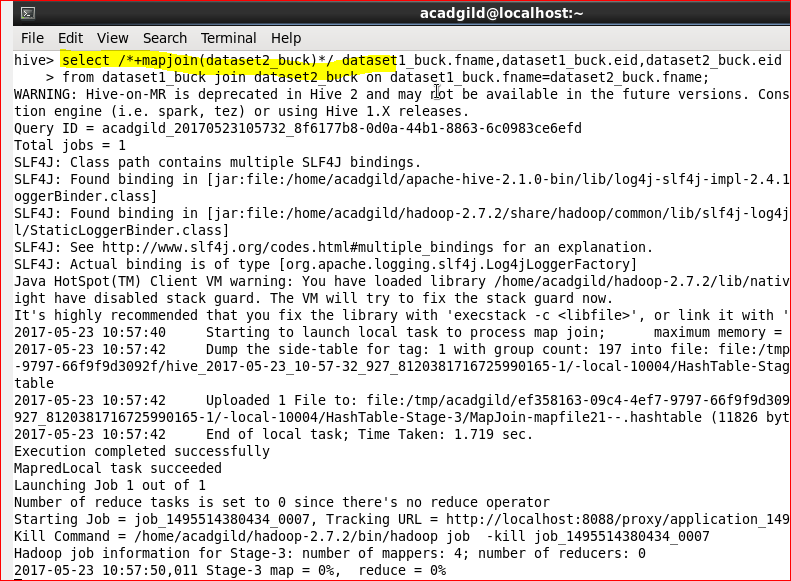


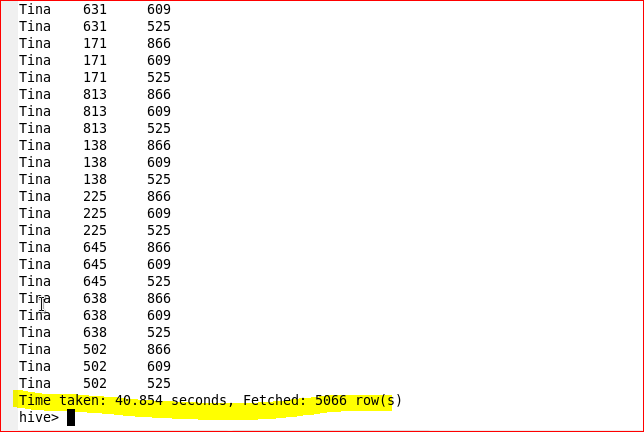




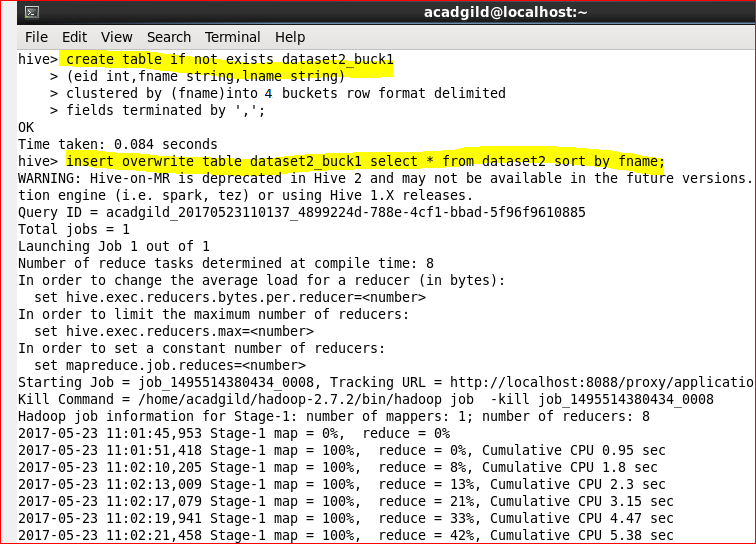
Sort-Merge Bucket join:

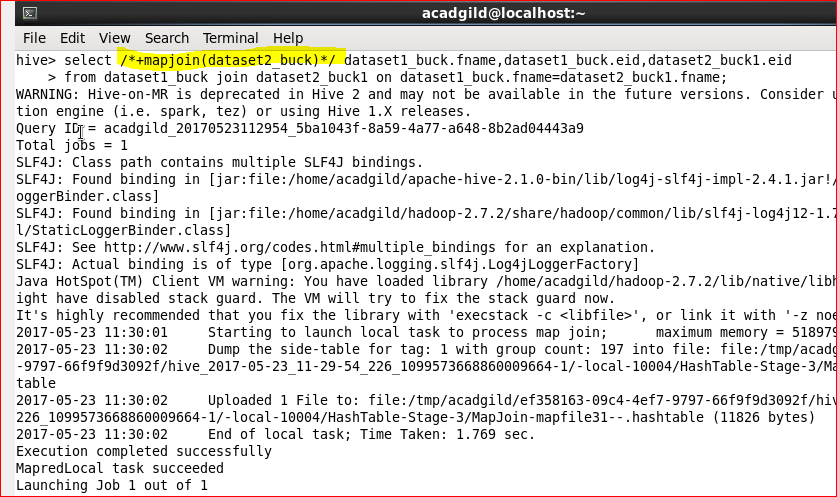


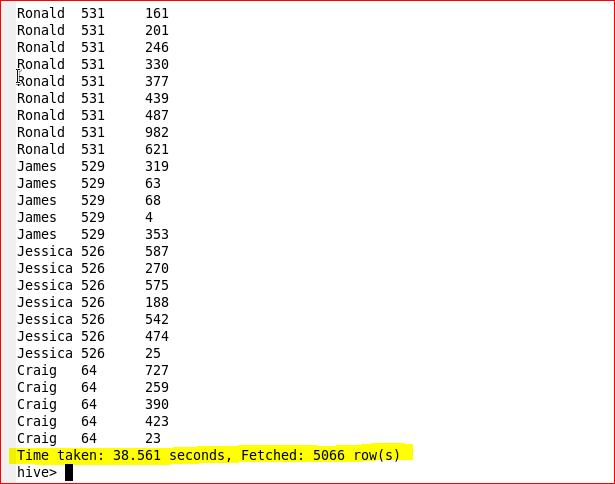




Sort-Merge Bucket Map join:







Left semi join:

