Building.csv

–BuildingID, BuildingMgr, BuildingAge, HVACproduct,Country

HVAC.csv

–Date, Time, TargetTemp, ActualTemp, System, SystemAge, BuildingID

●Execute

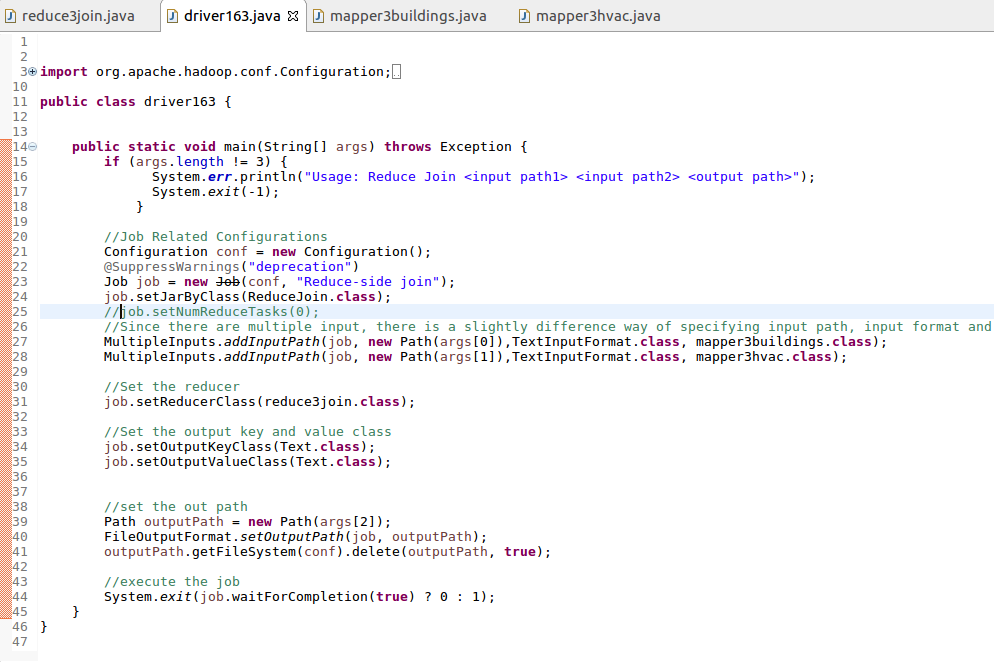
Session 16 -

Assignment 1 (Machine and Sensor data analysis)

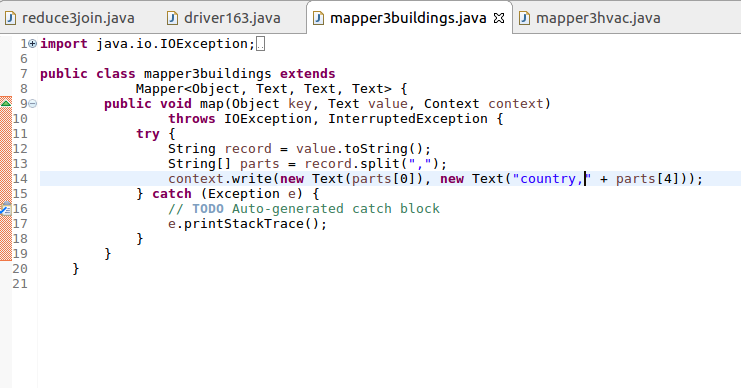
using Reduce side join

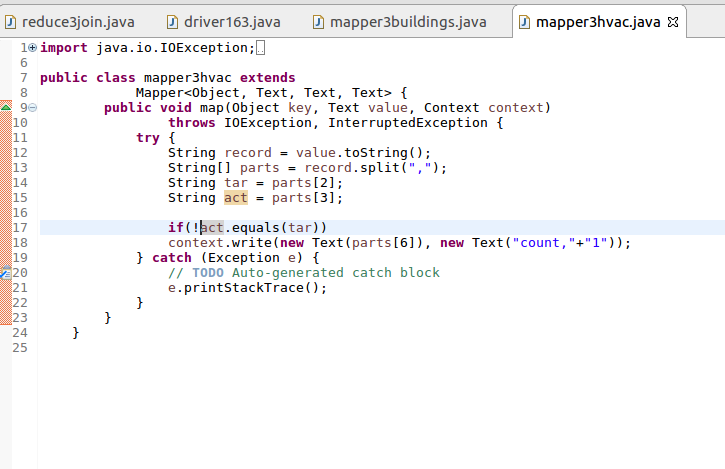
and compare which join is faster in normal conditions.

**Driver :**



**Mappers :**

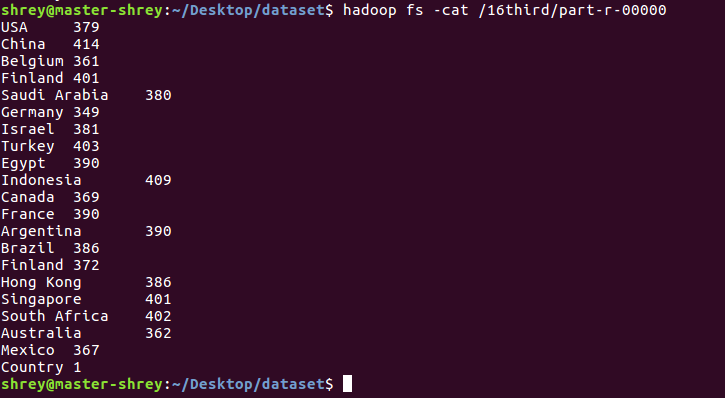
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****

**Reducer :**

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**Output :**



One comparing the time taken by map-side and reduce-side joins , i reached to a conclusion that

Map-side Join is best bet when one of the tables is small enough to fit in memory to complete the job in a short span of time.