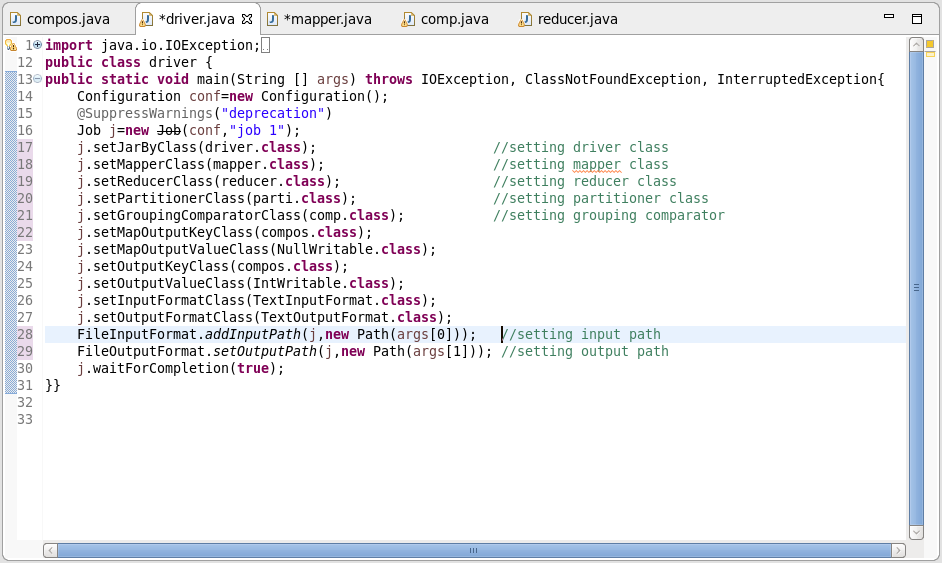
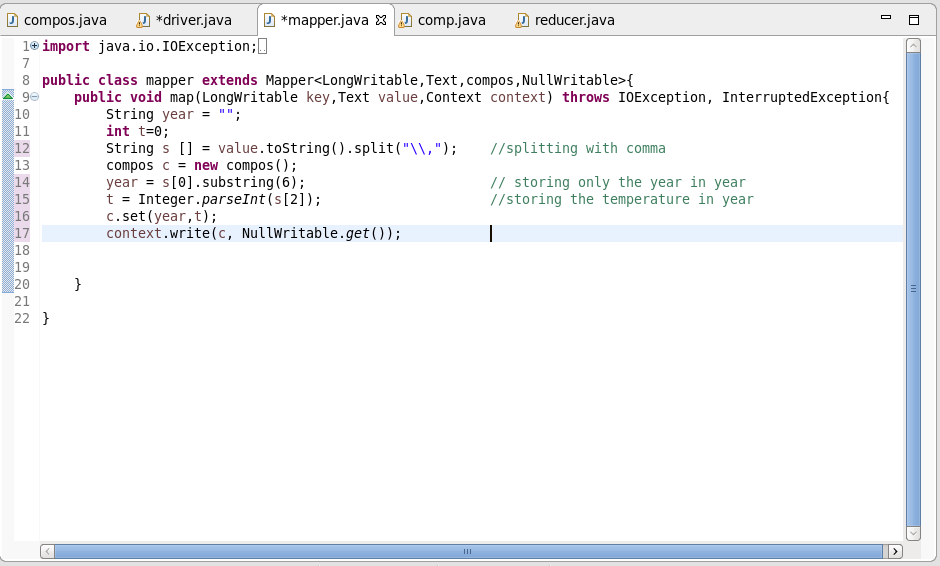
**17.2 Write a secondary sort program to generate the top 2 maximum temperatures corresponding to every year from the temperature dataset.**

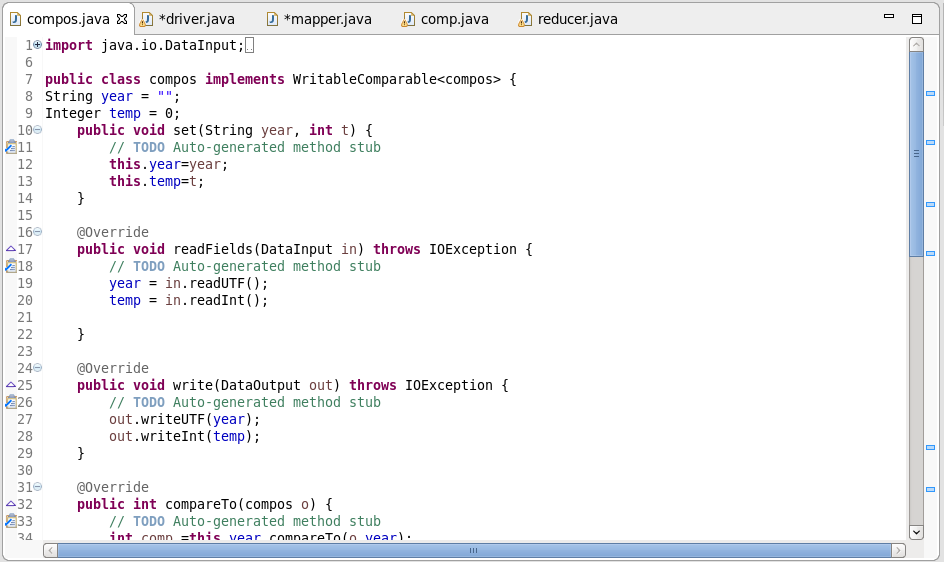
**DRIVER CLASS:**

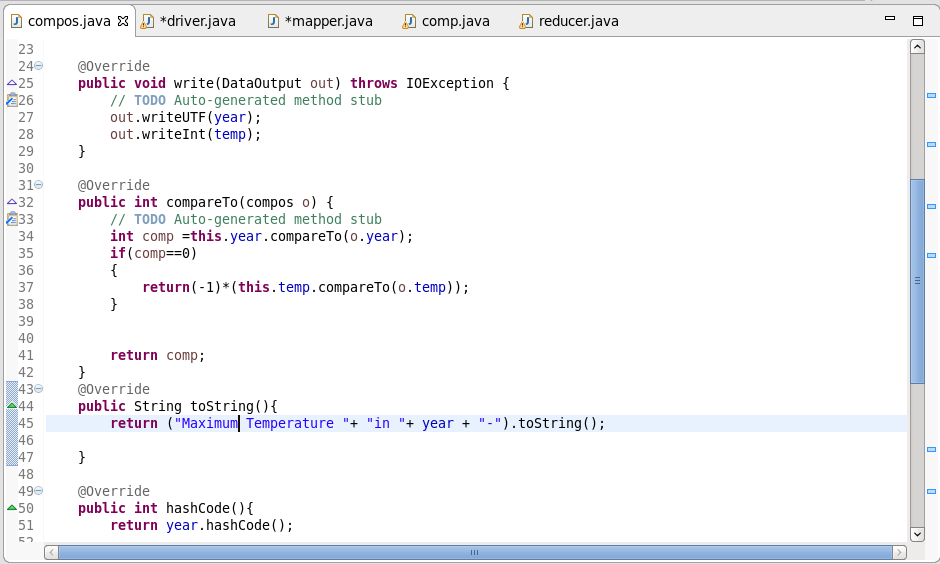
****

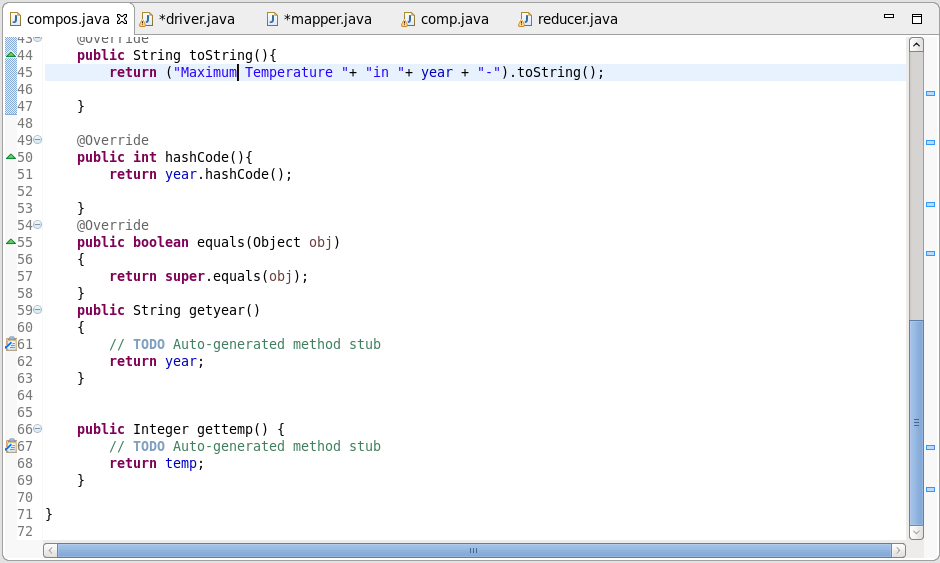
**MAPPER CLASS:**

****

**COMPOSITE KEY CLASS:**

****

****

****

* **Overriding the compare Method**

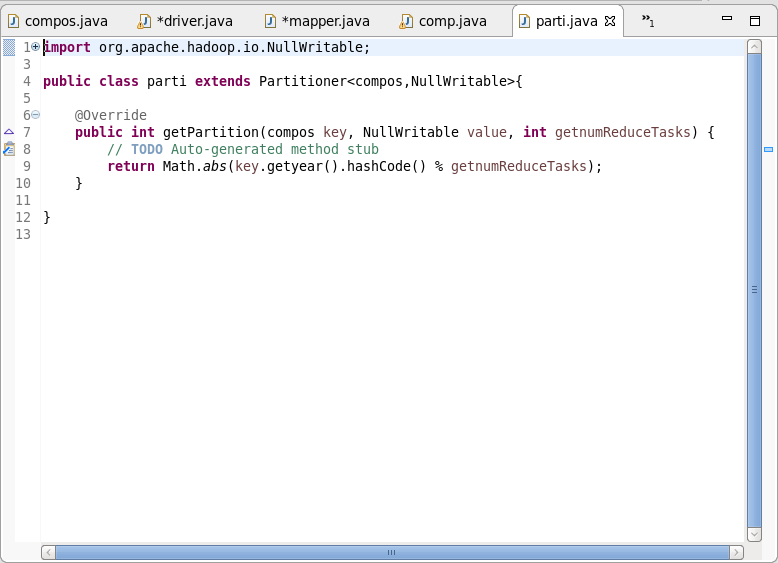
Checking if year is same, if it is same then it will sort the temperature by descending

* **Overriding Tostring Method**

To change the way, the composite key should be displayed

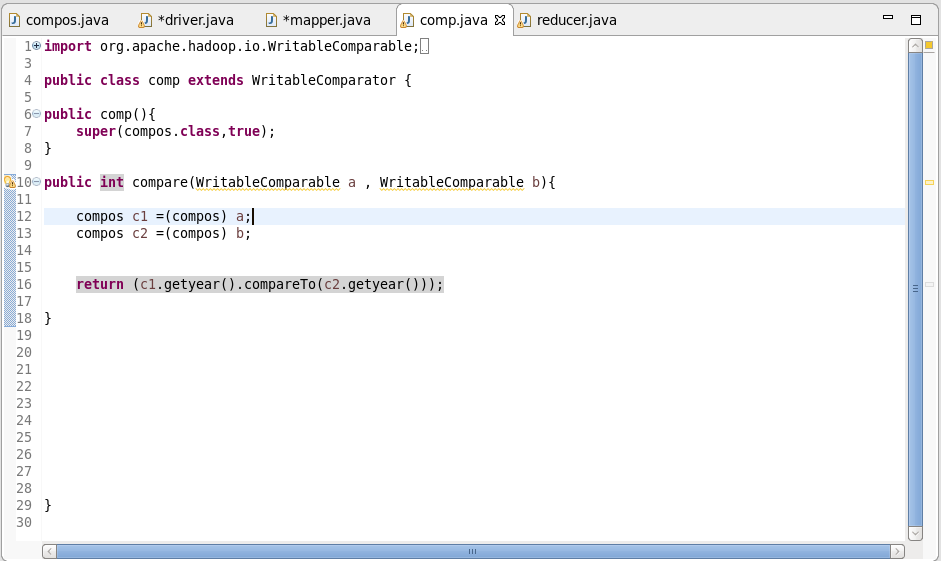
* read and write fields is for serialization and deserialization

**PARTITIONER CLASS:**

****

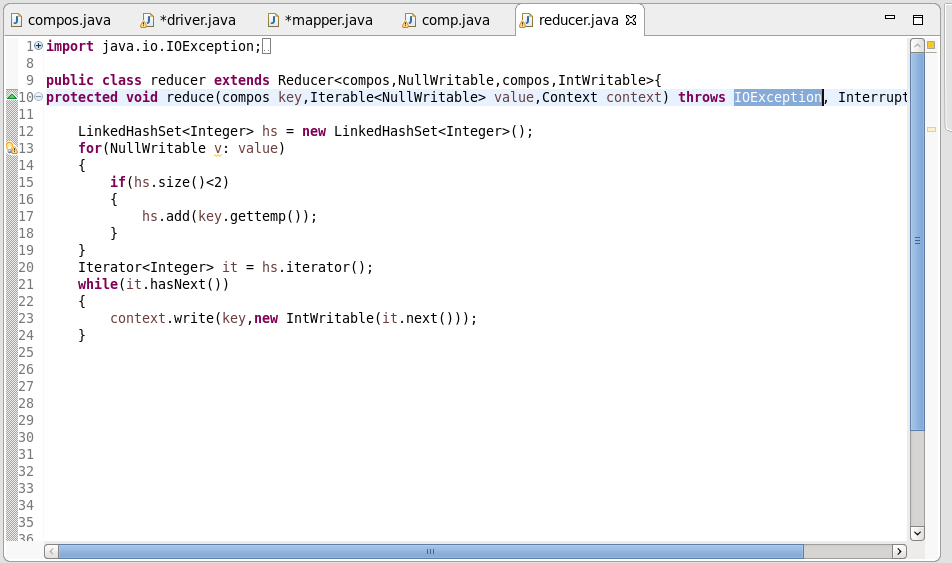
By setting a partitioner to partition by the year part of the key, we can guarantee that records for the same year go to the same reducer

**GROUP COMPARATOR CLASS:**

****

Group Comparator decides which map output keys within the Reducer go to the same reduce method call.

**REDUCER CLASS:**

****

**OUTPUT:**

