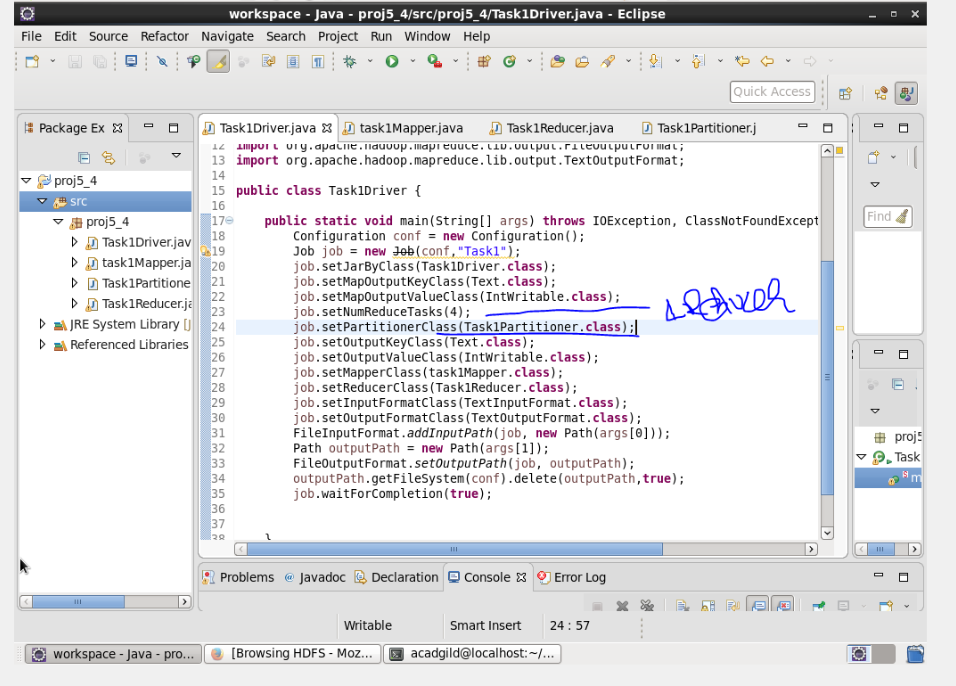
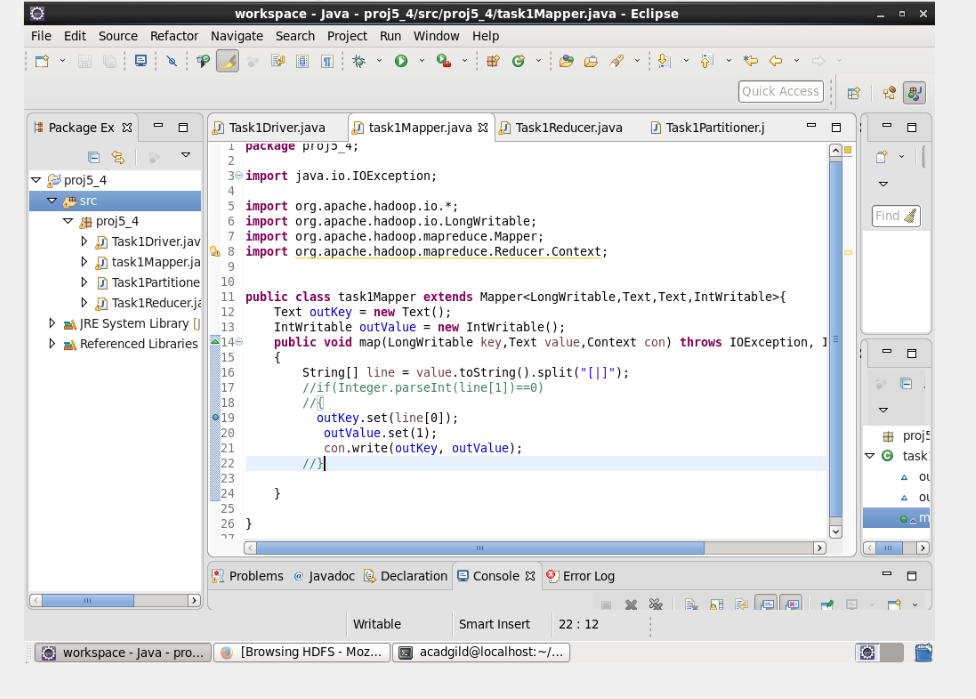
**Task 4:**

**Code**

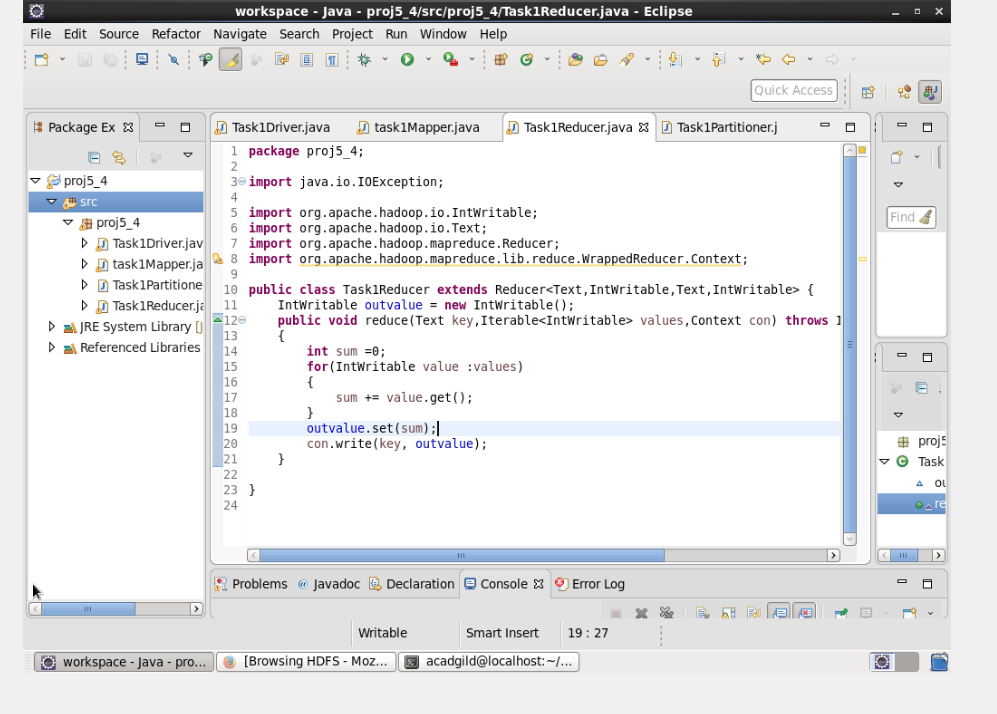
**Driver**

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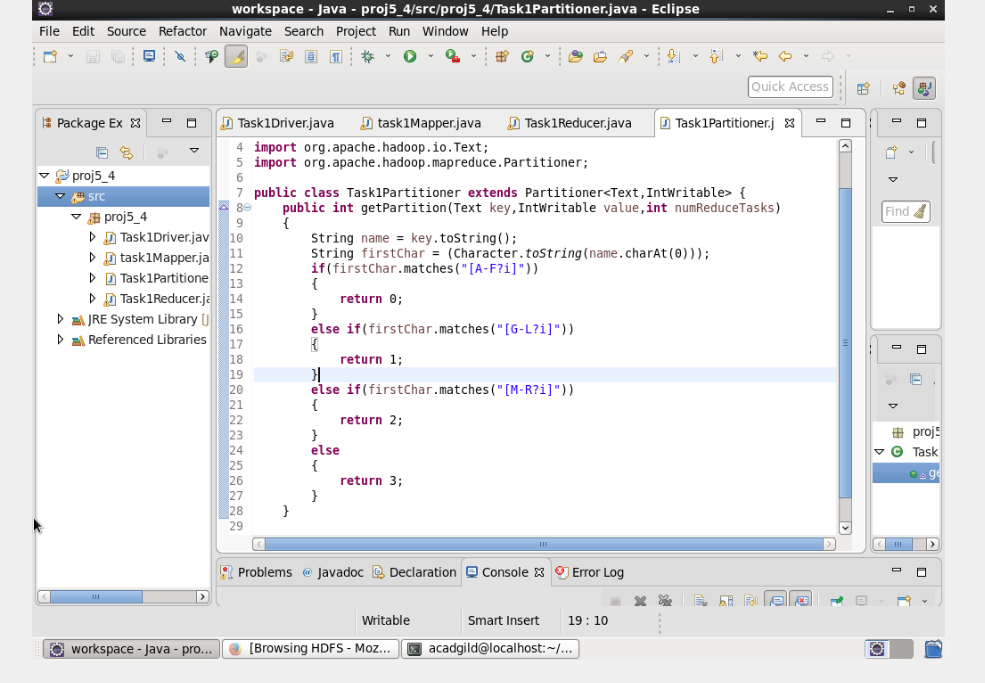
**Mapper**



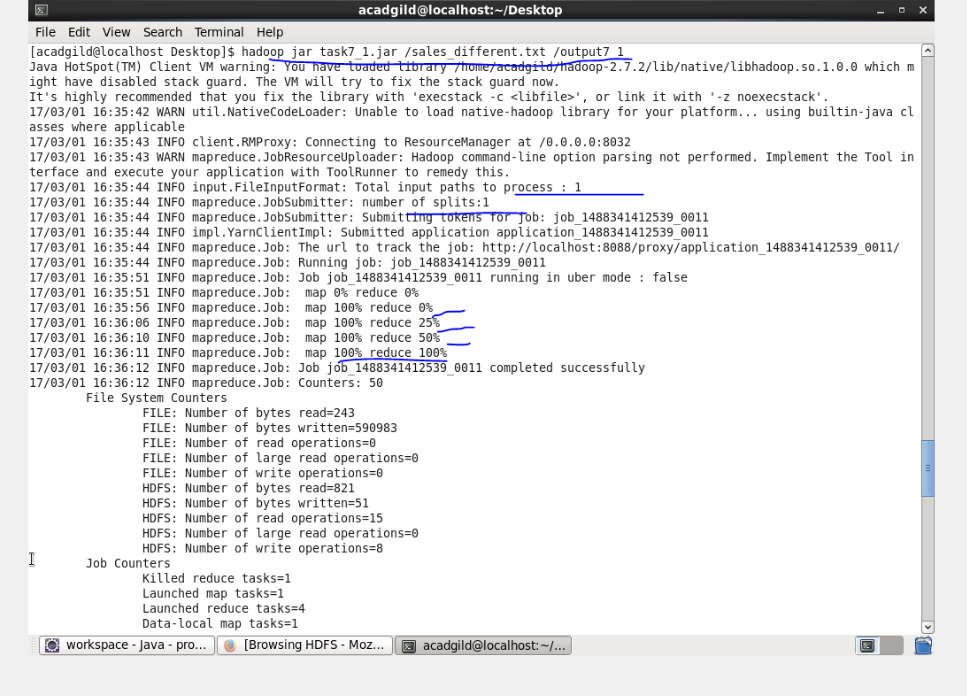
**Reducer**

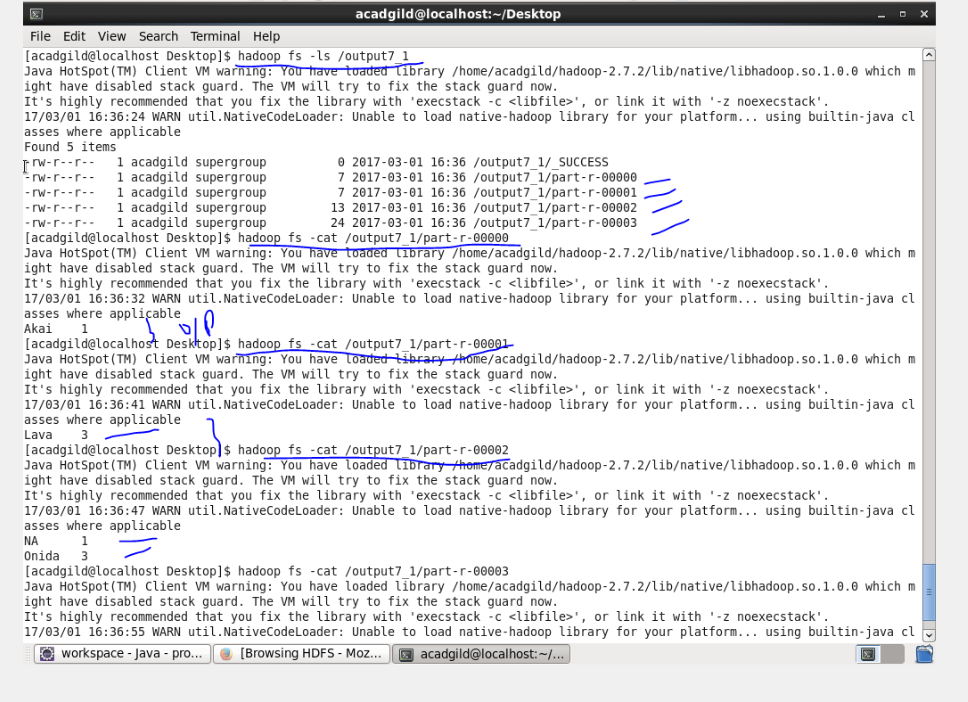


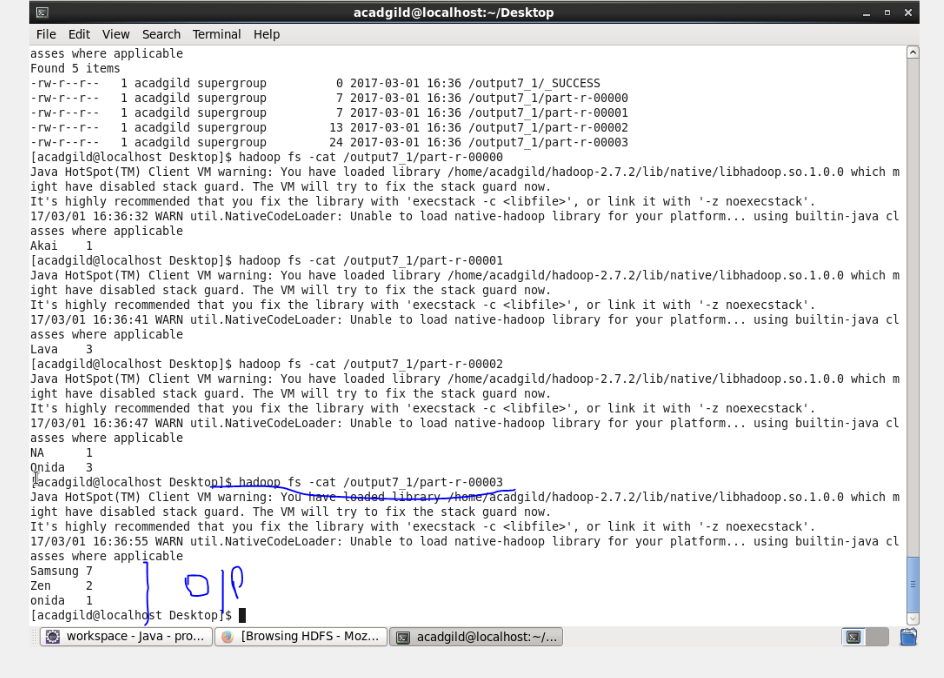
**Partitioner**



**Output**



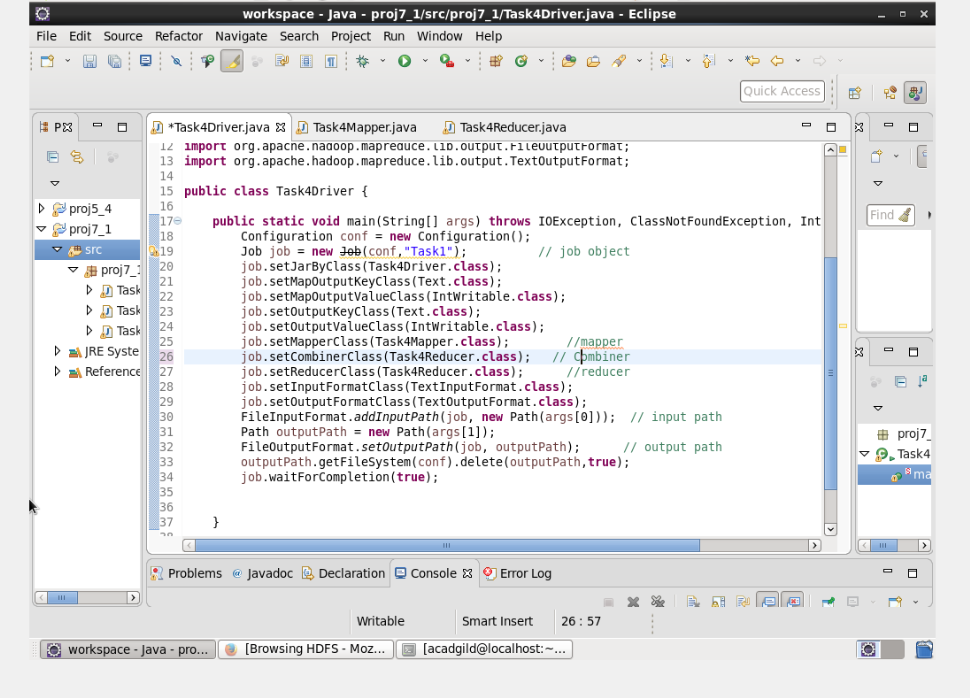
****

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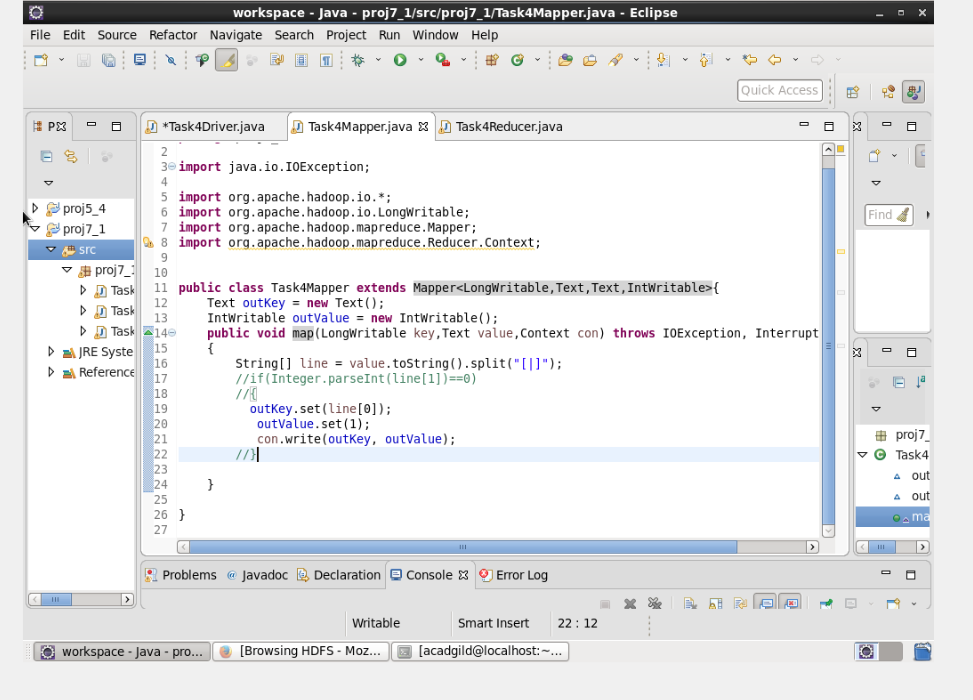
**Task 5 :**

**Code**

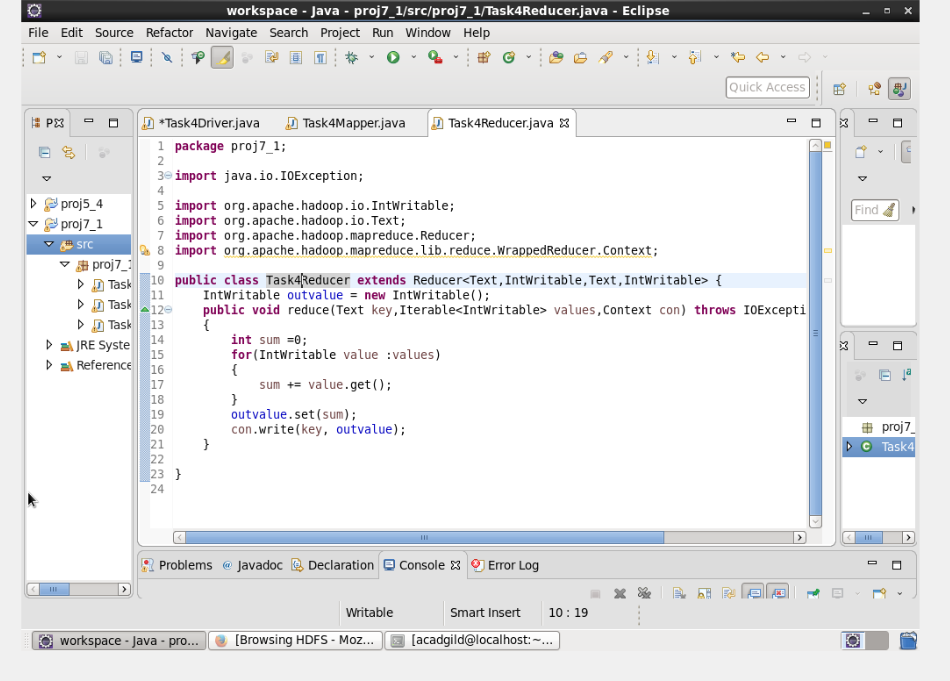
**Driver**

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**Mapper**



**Reducer**



**Output**

