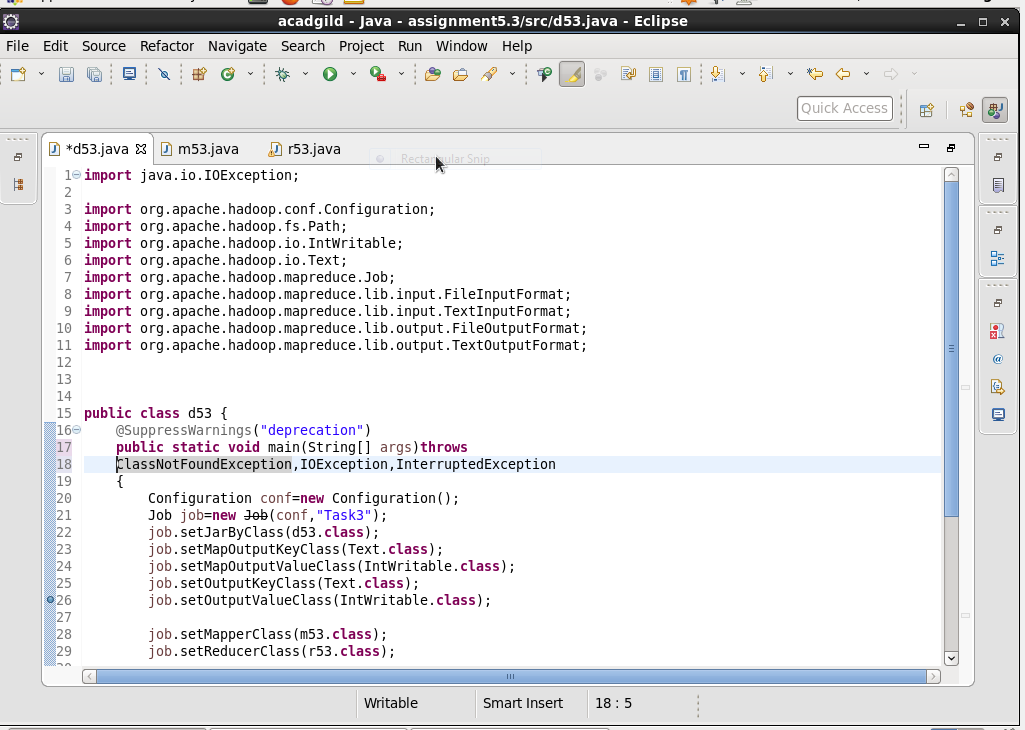
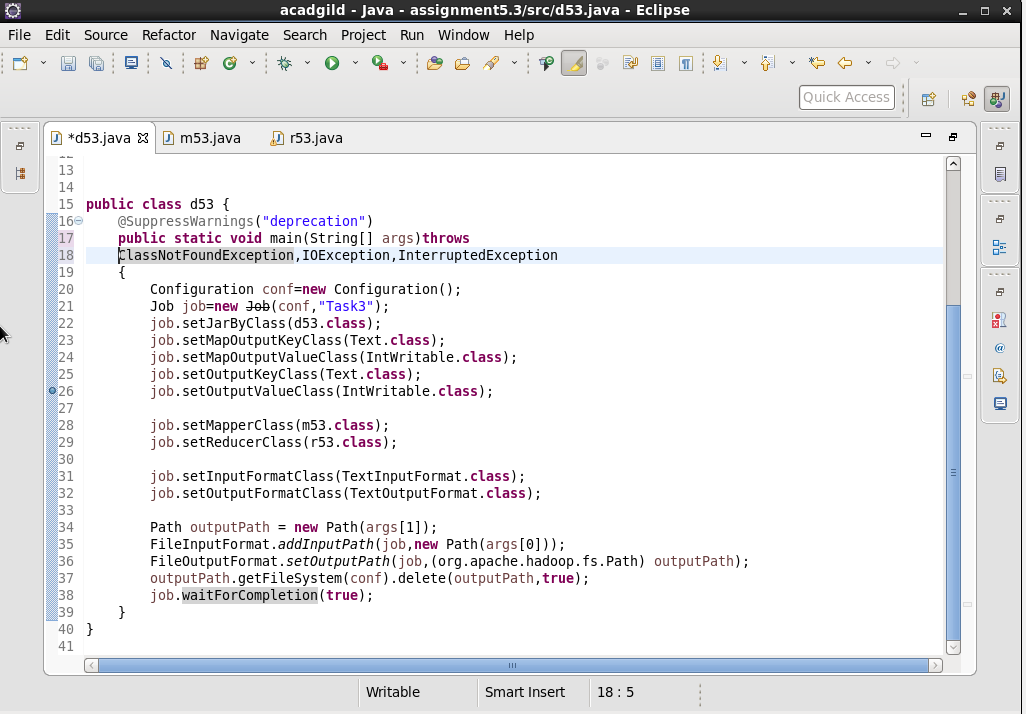
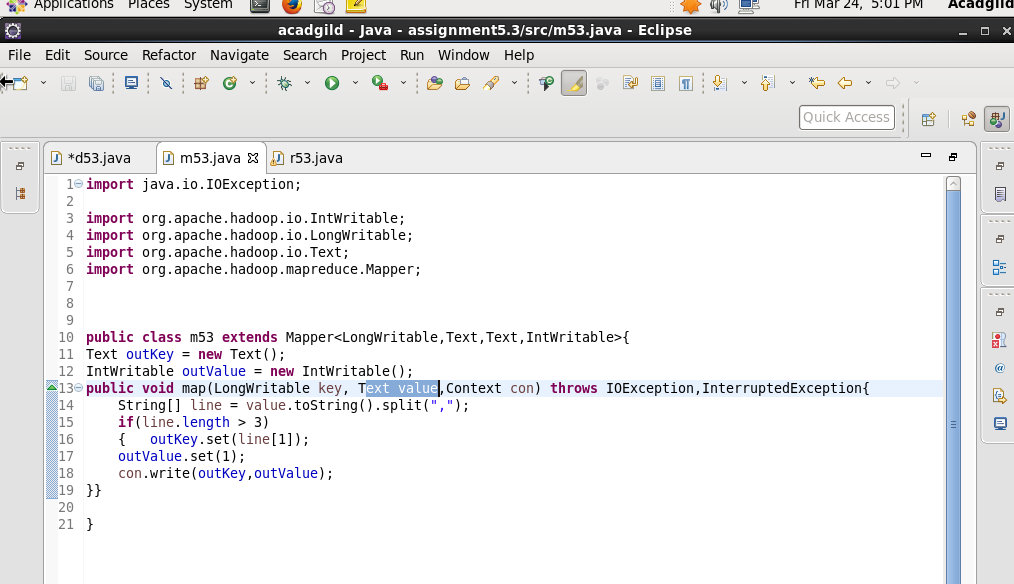
**Problem 1**

**Driver**

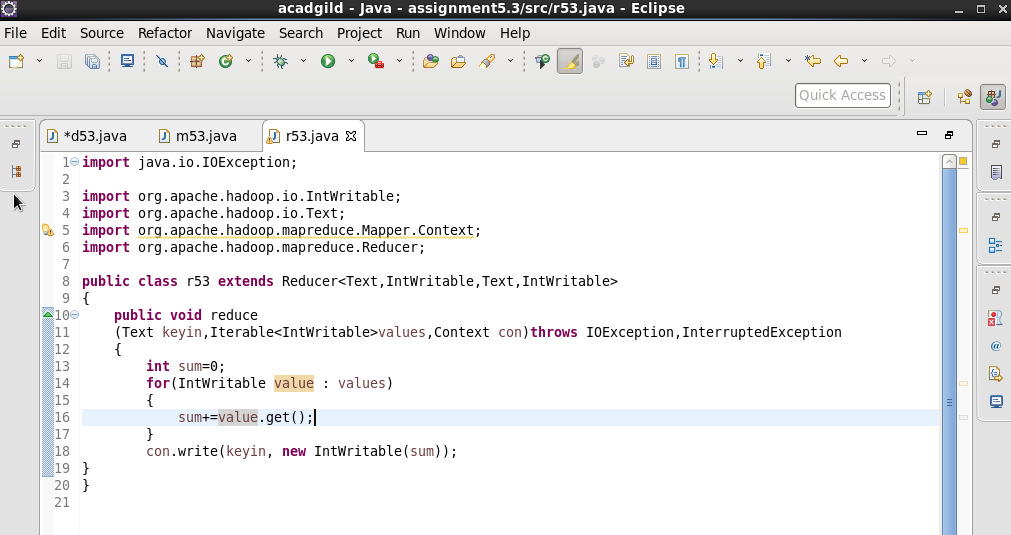
****

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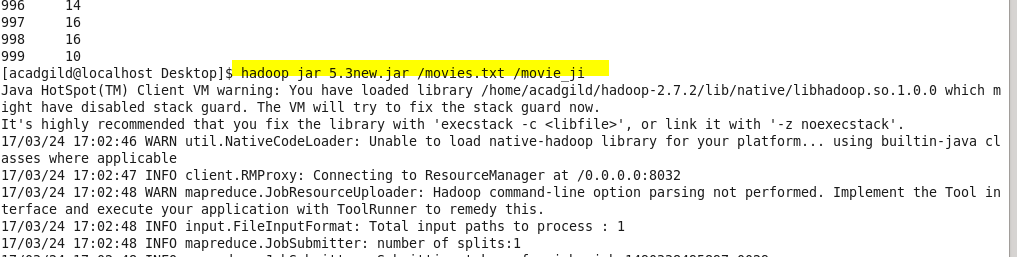
**Mapper code**

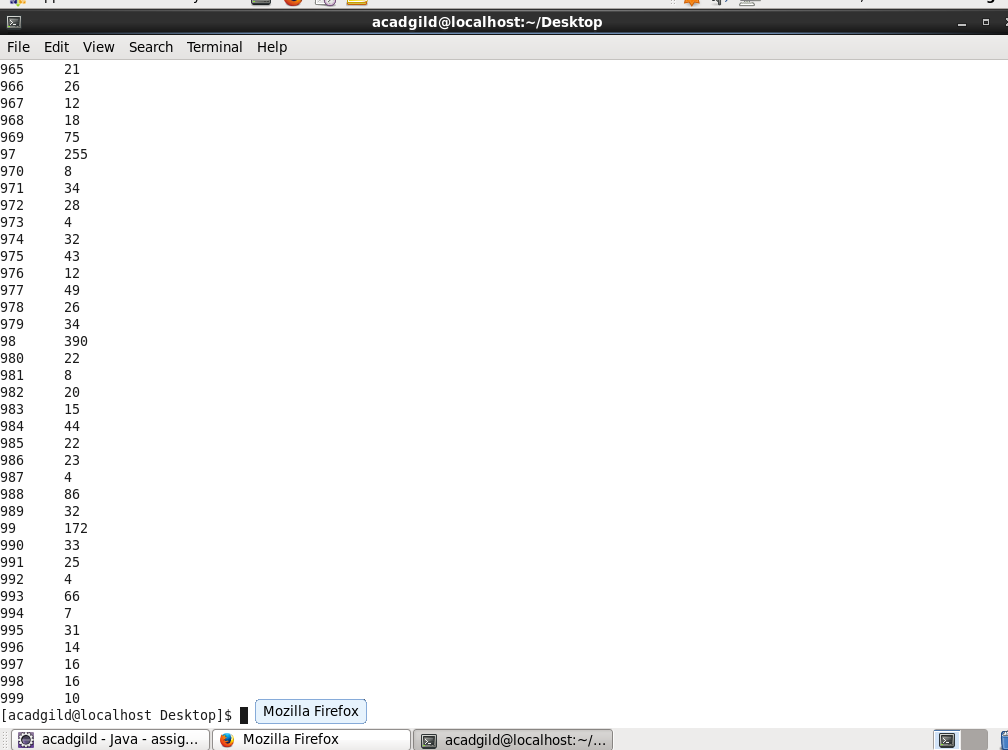
****

**Reducer**

****

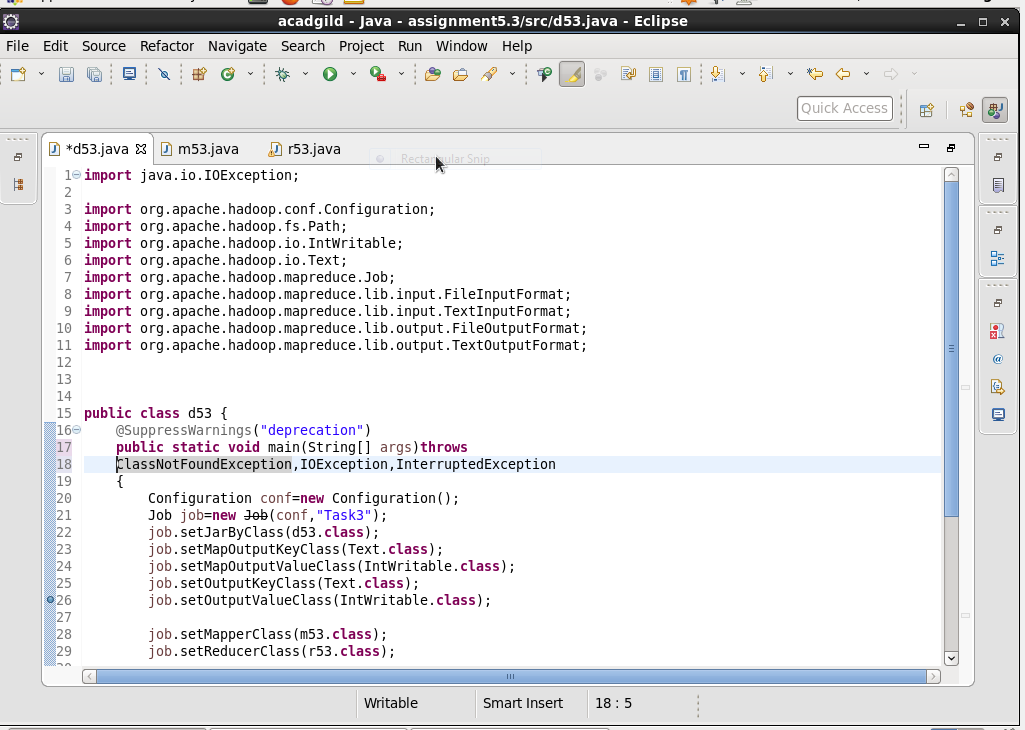
**Output**

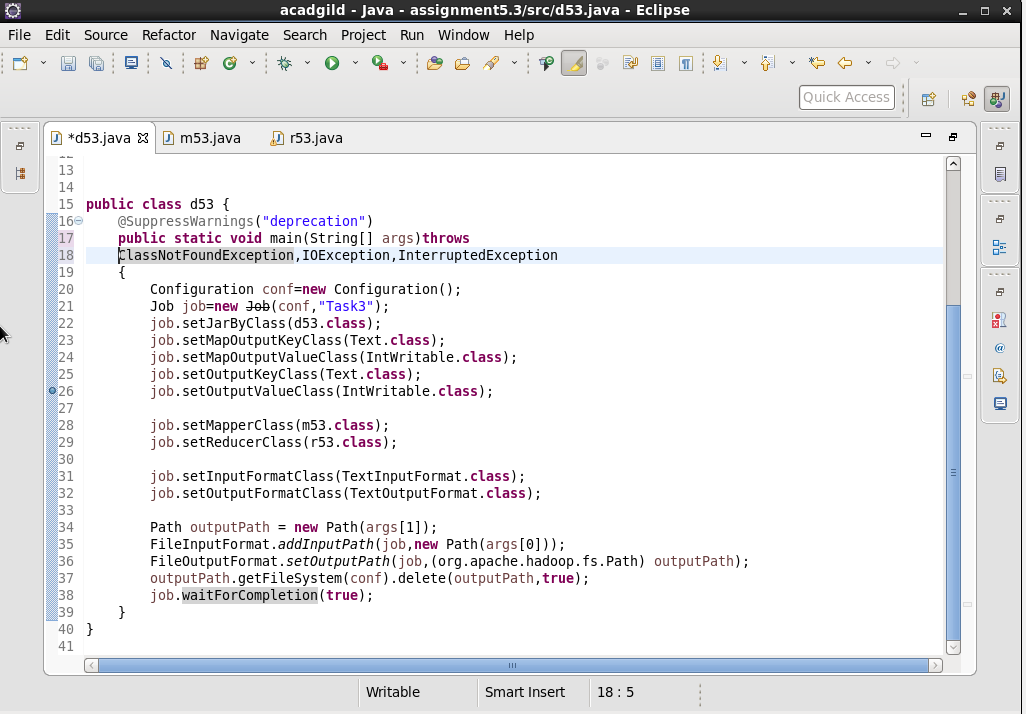
****

****

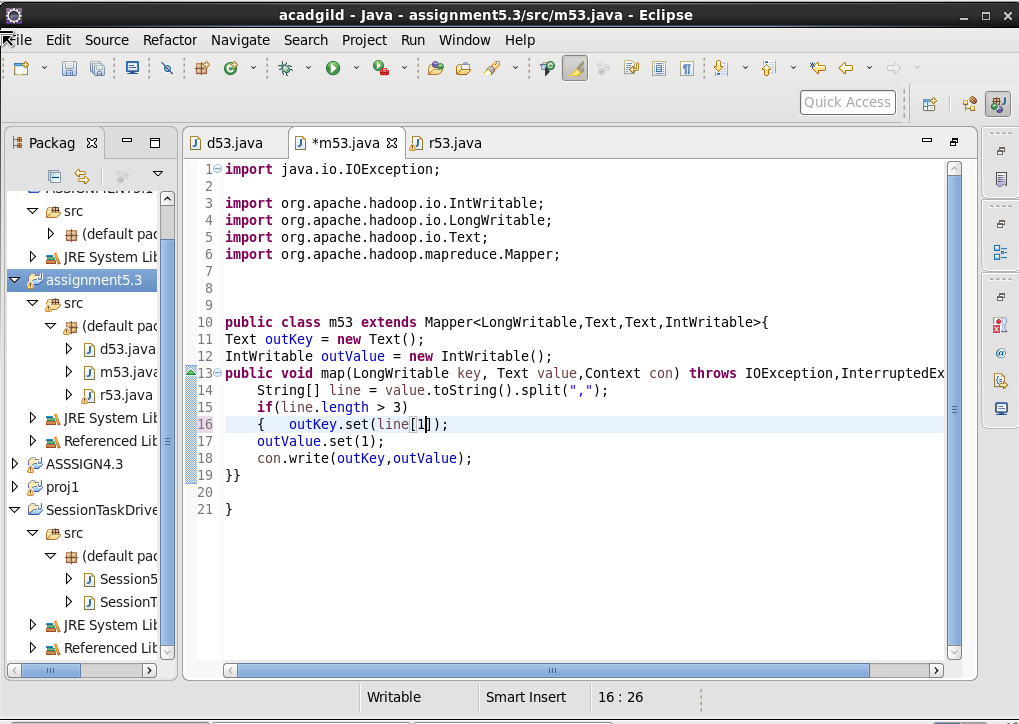
**Problem2**

**Driver**

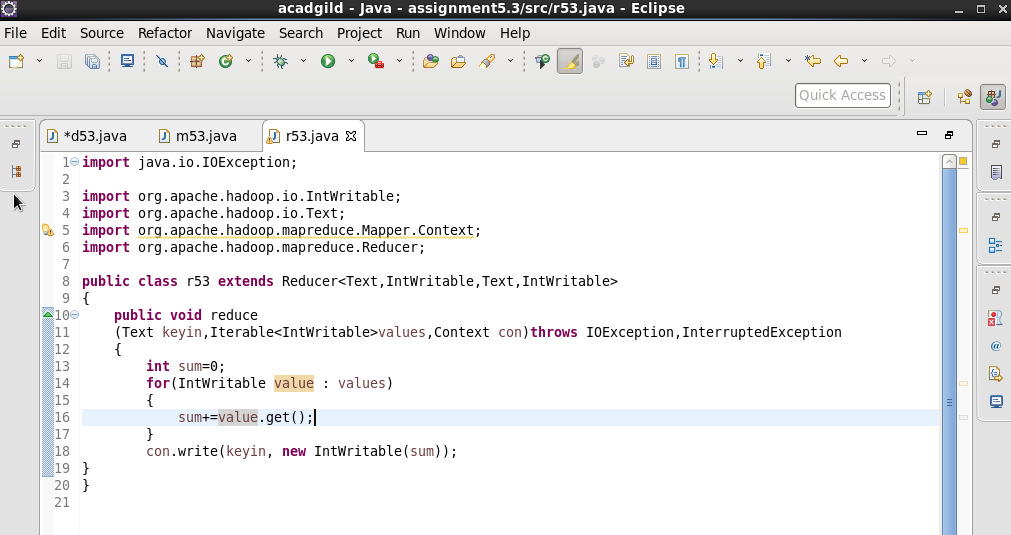
****

****

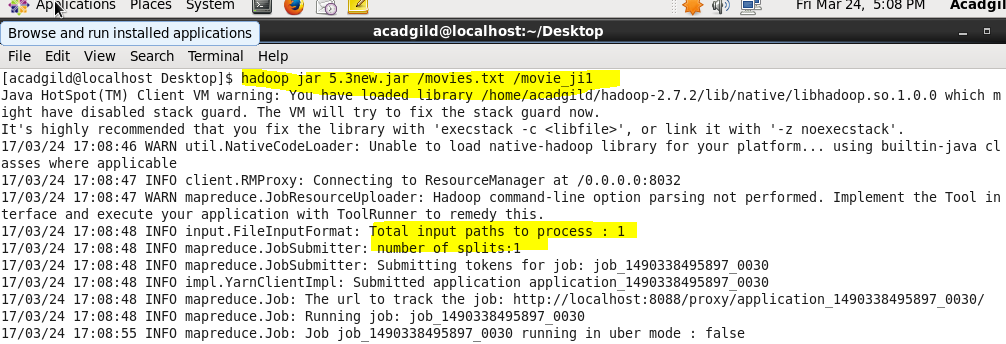
**Mapper**

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**Reducer**

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**Output**

****

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