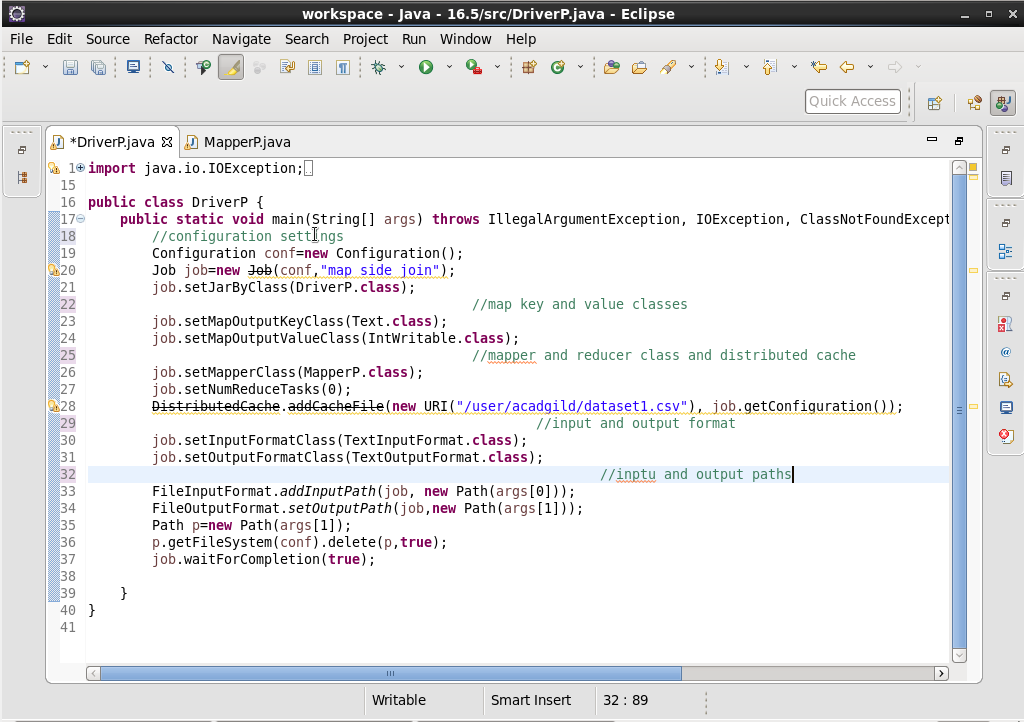
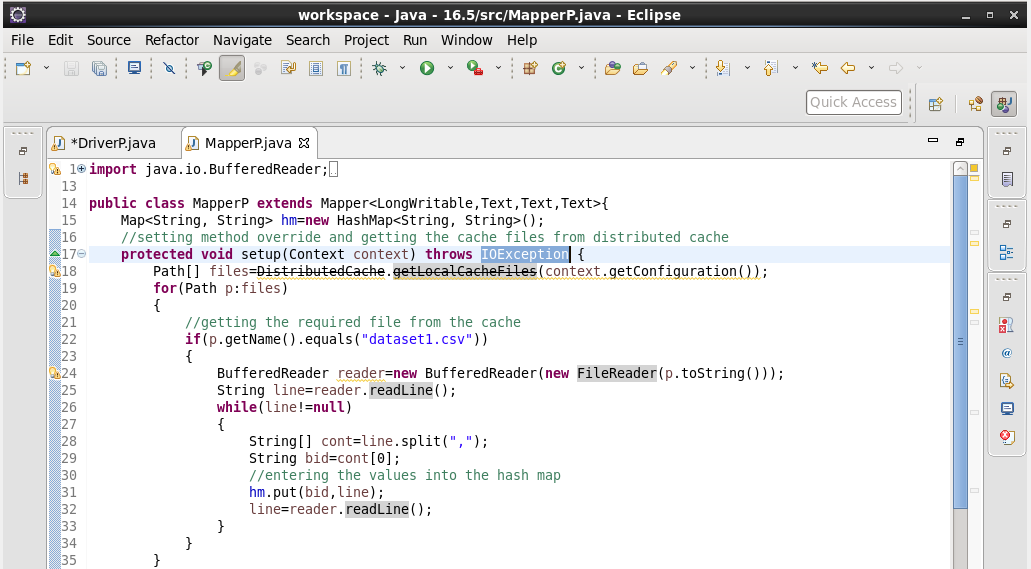


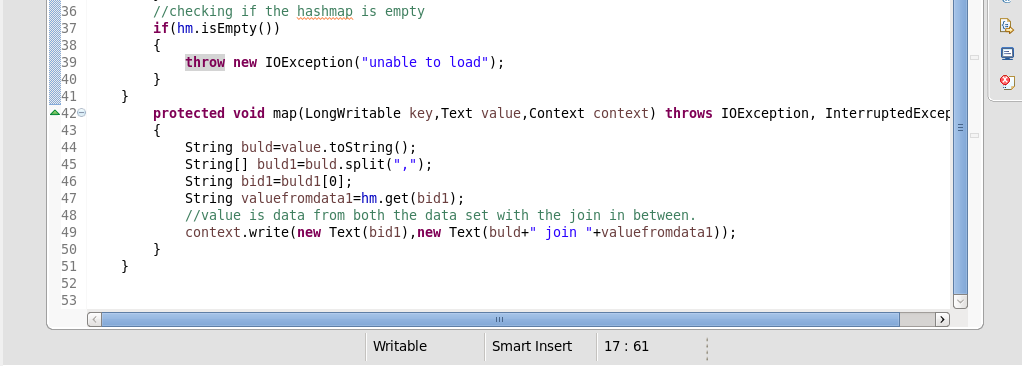
**Solution-**

**Driver Class-**

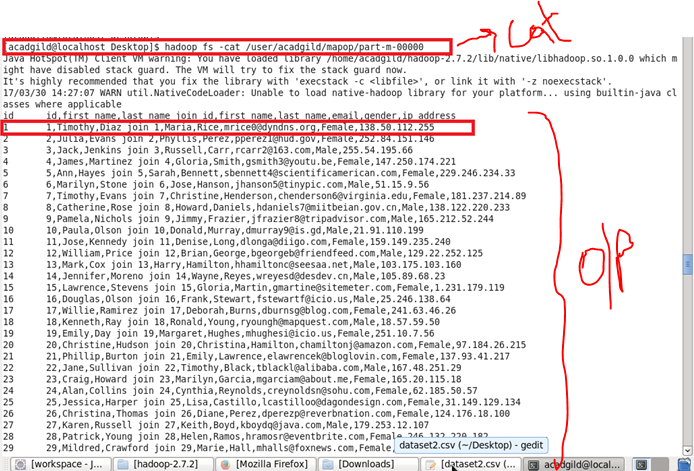


**Mapper Class-**





**Output-**

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