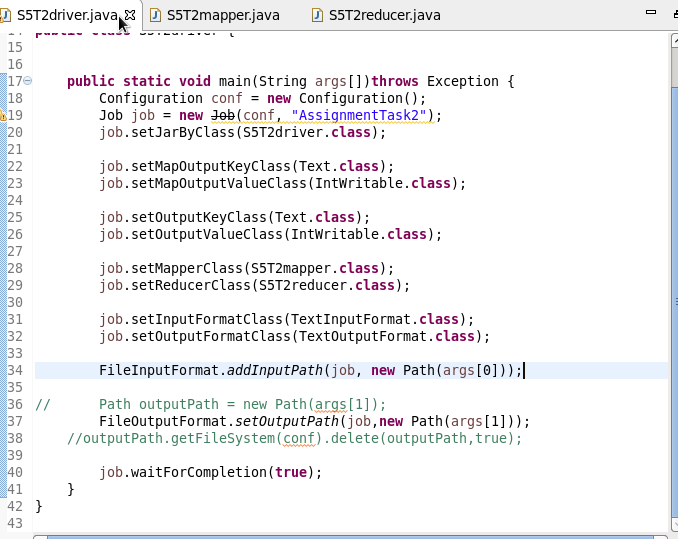
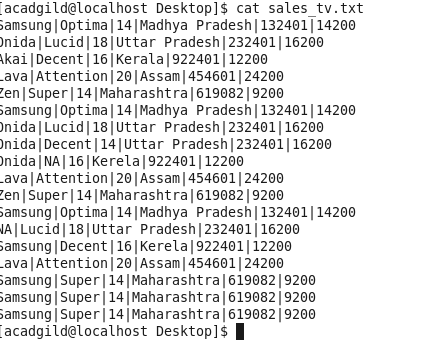
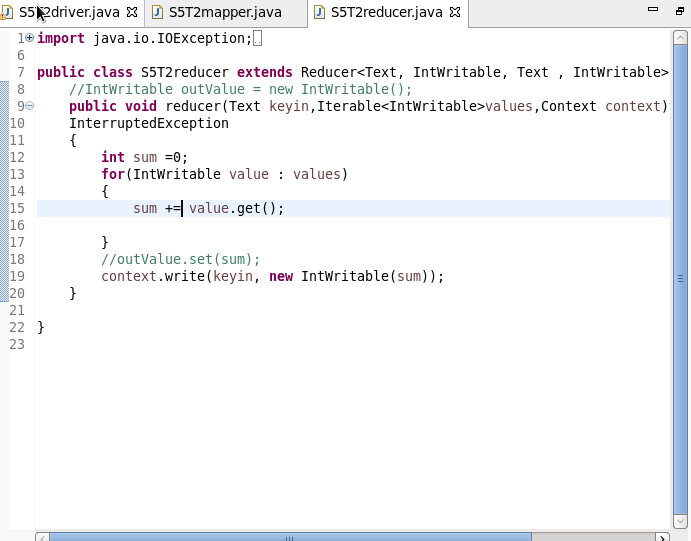
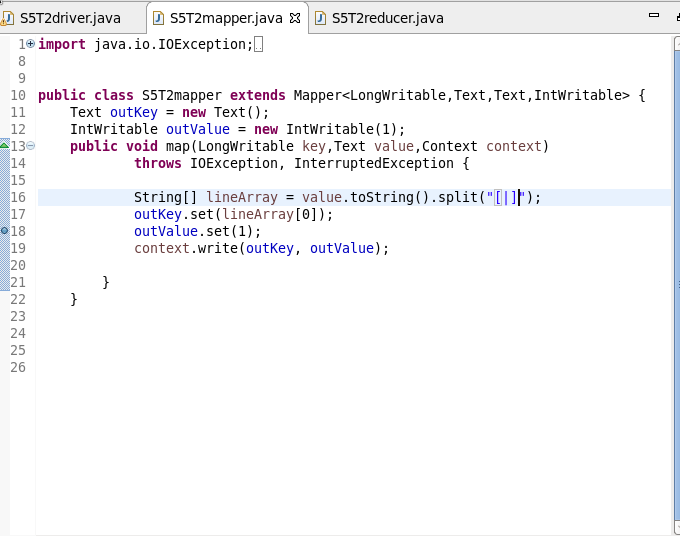
**Ans 1 .**

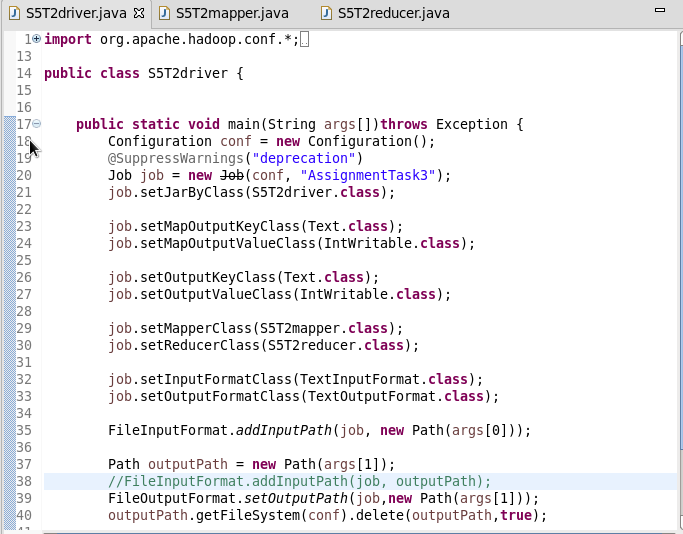
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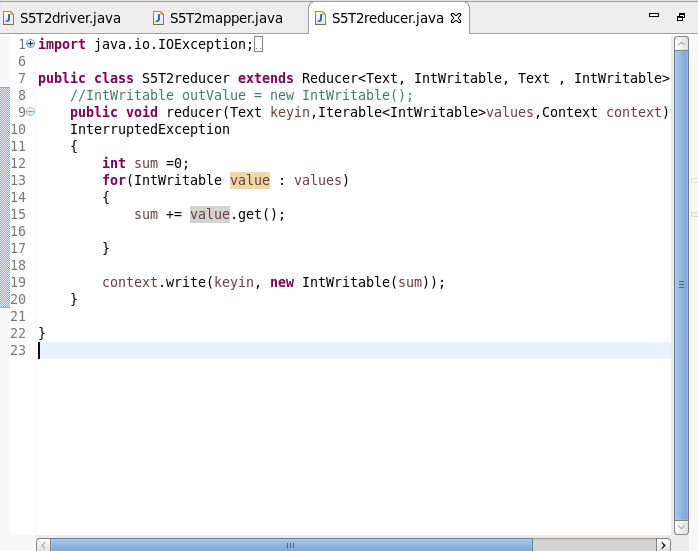
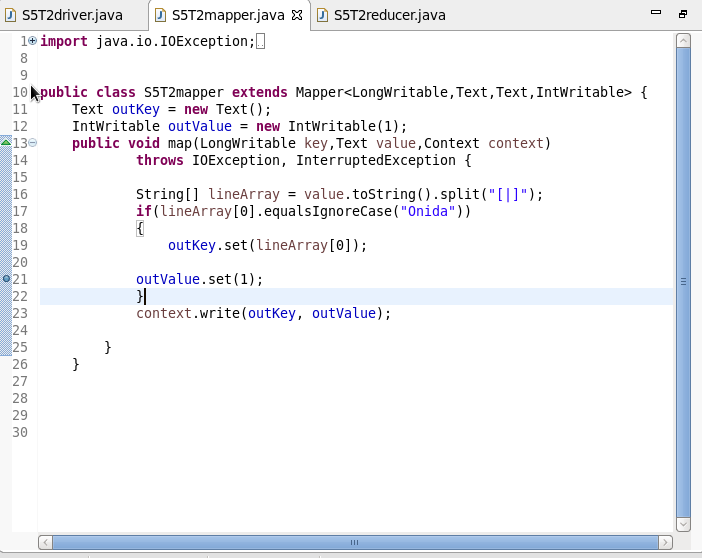
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**Output :**

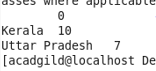
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**Ans 2.**

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**Output:**

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