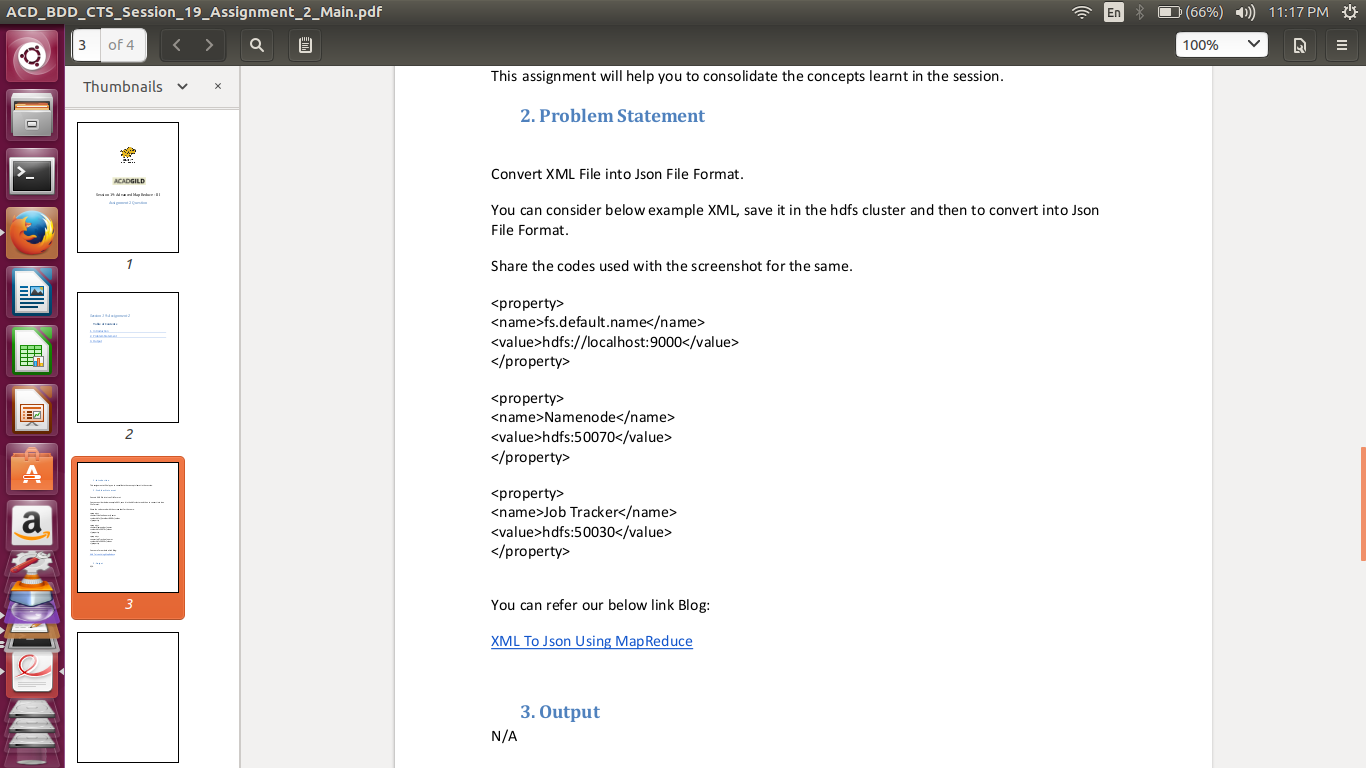
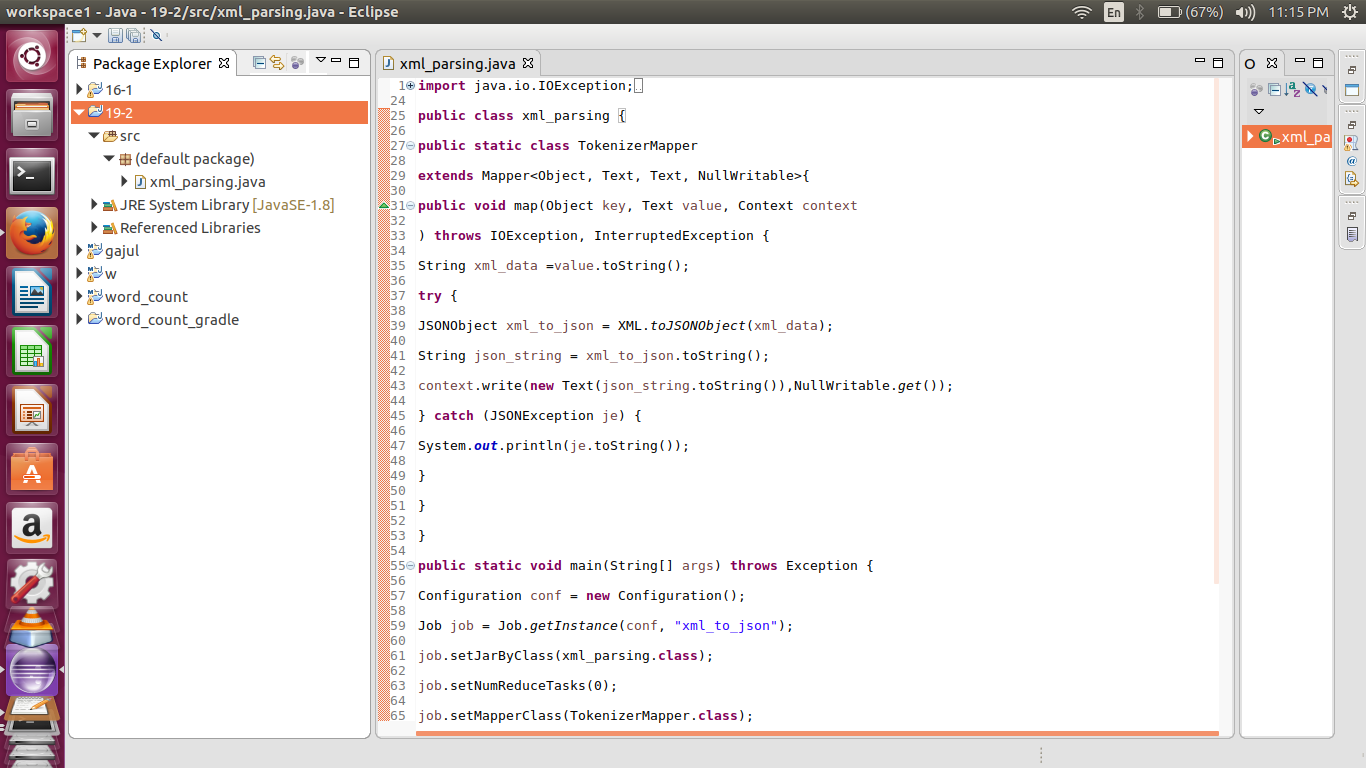
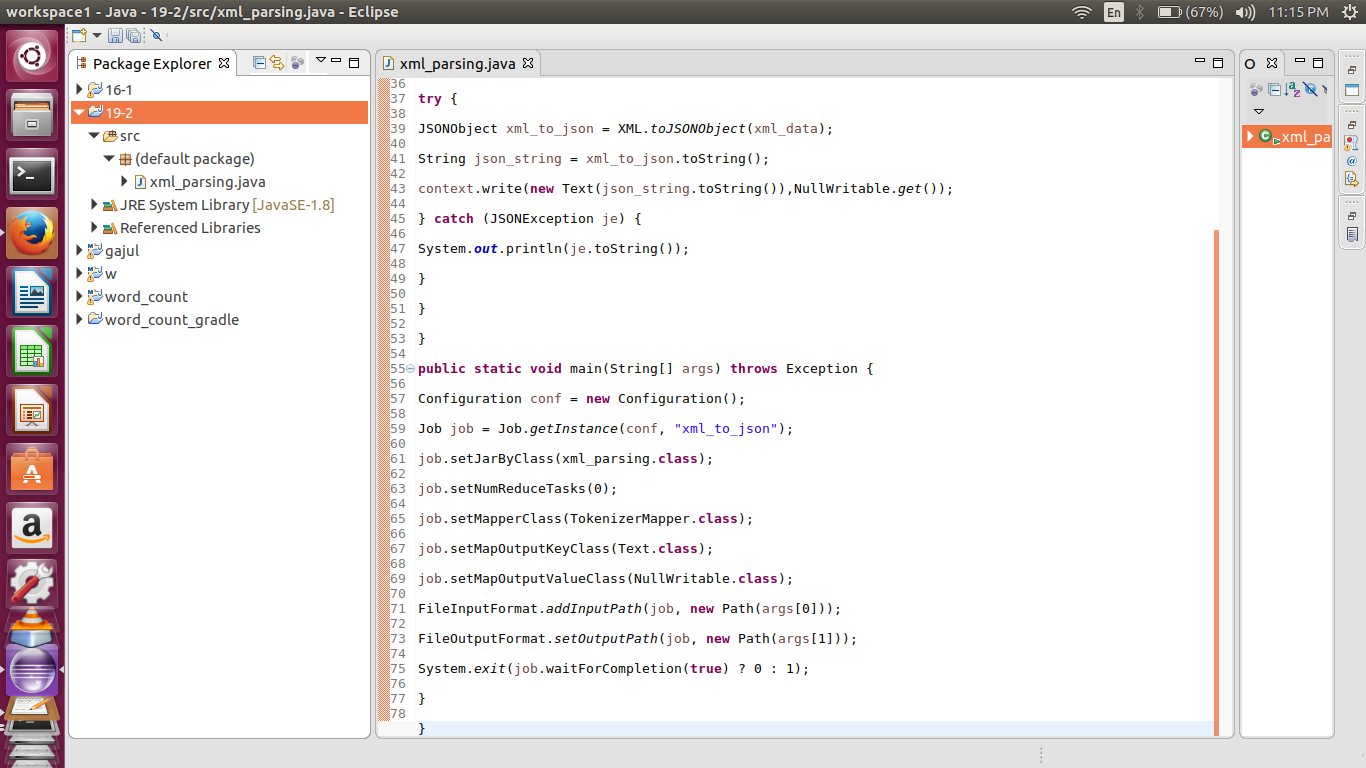
**ASSIGNMENT 19.2**

**PROBLEM STATEMENT:**

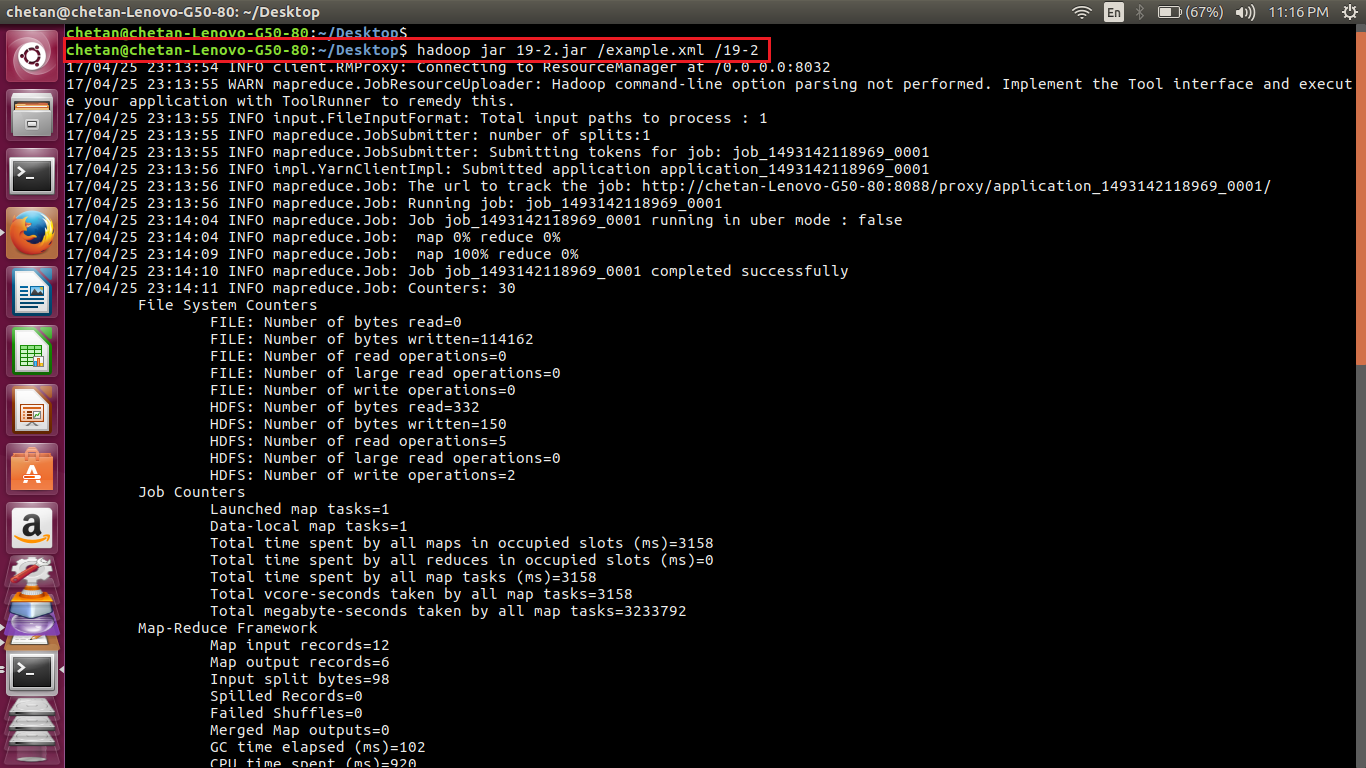
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**PROGRAM:**

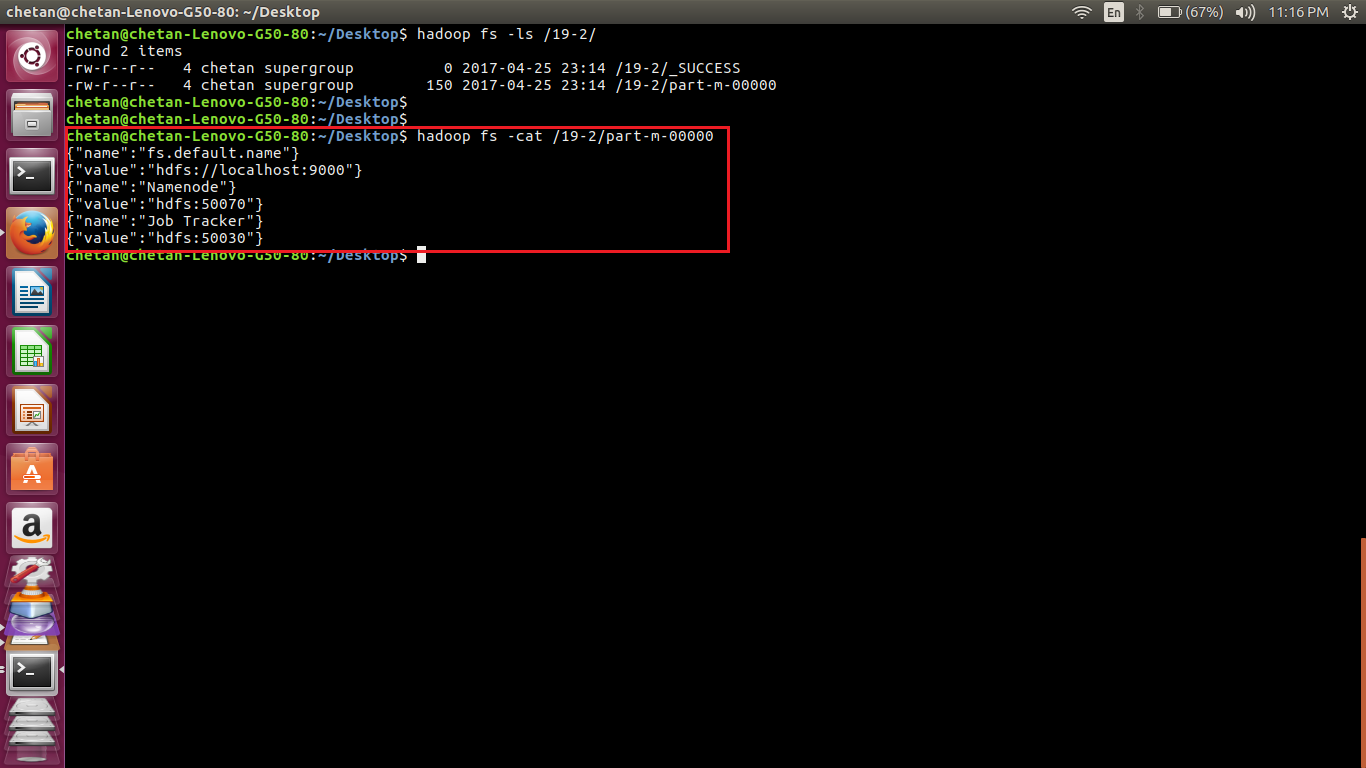
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**EXECUTION COMMAND:**

****

**OUTPUT:**

****