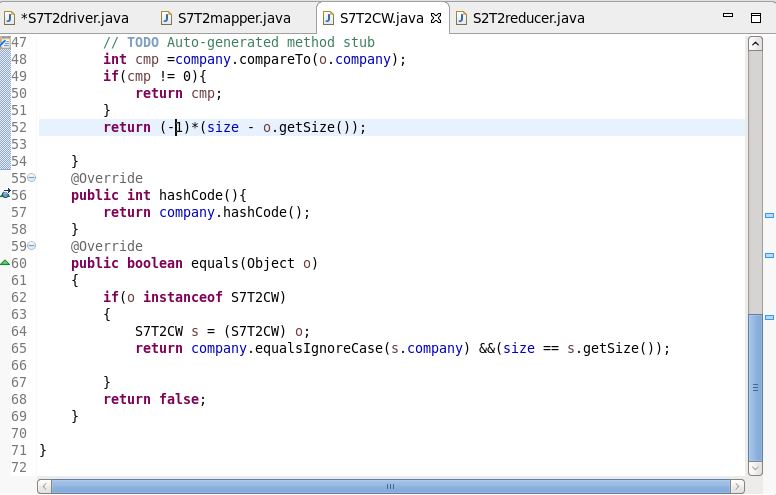
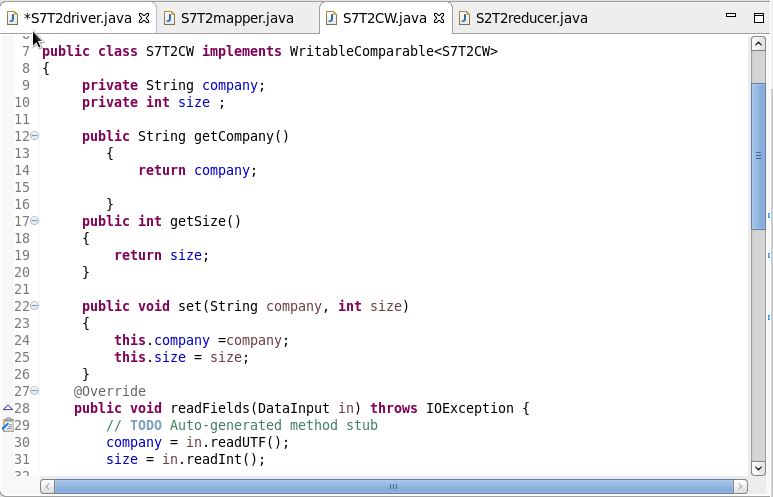
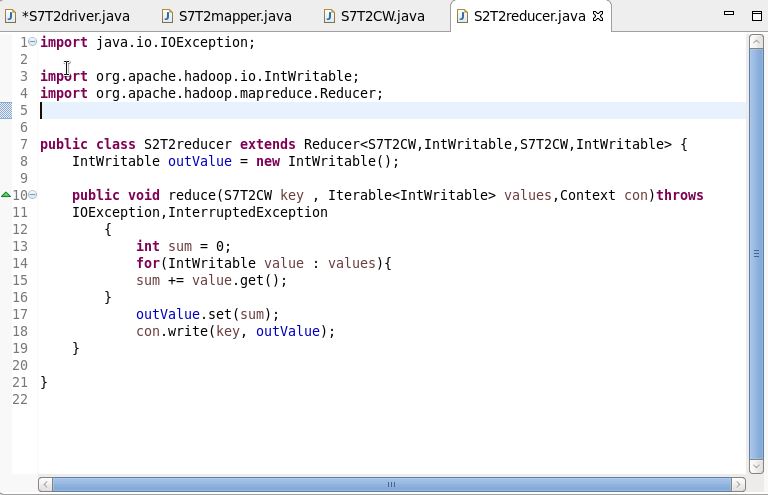
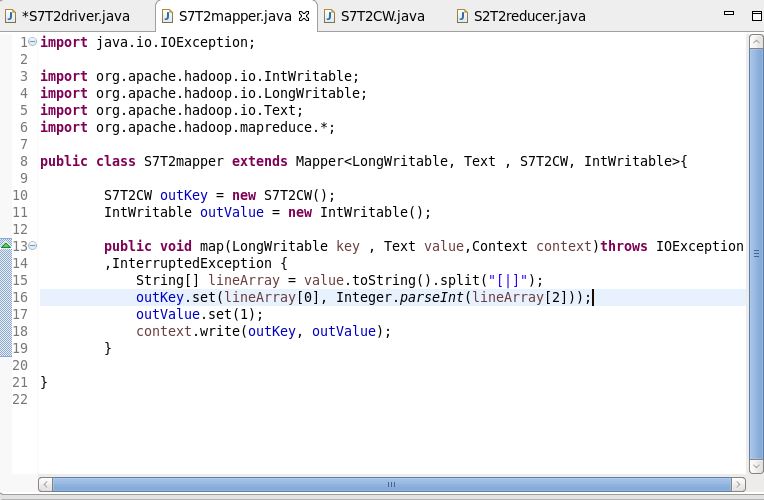
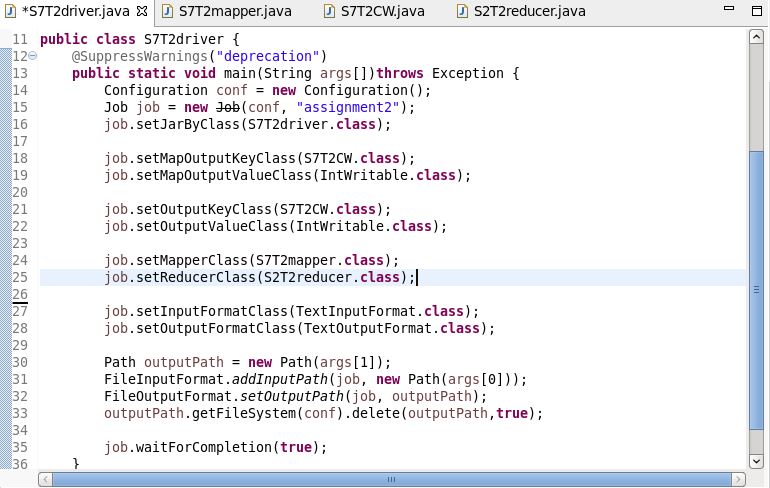


**Ans 1.**

**Input file.**



**Code :**



**Output :**

