**Assignment 5.3**

**Data set:**

We have a dataset of movie data analysis Column Name:

Column 1: User ID

Column 2: Movie ID

Column 3: Rating

Column 4: Time stamp

The input file can be downloaded from the below link

Movie data analysis

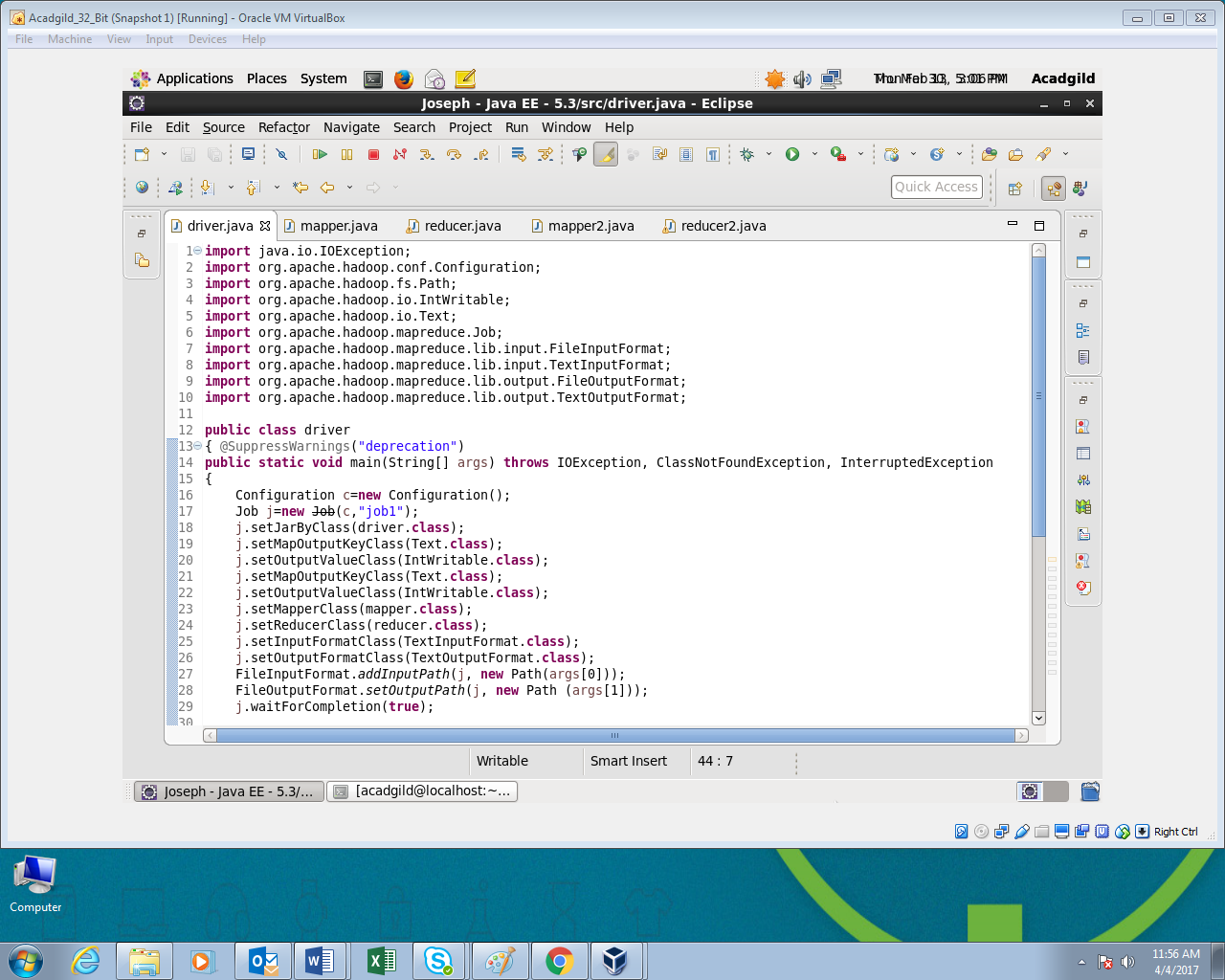
**Problem Statement 1:**

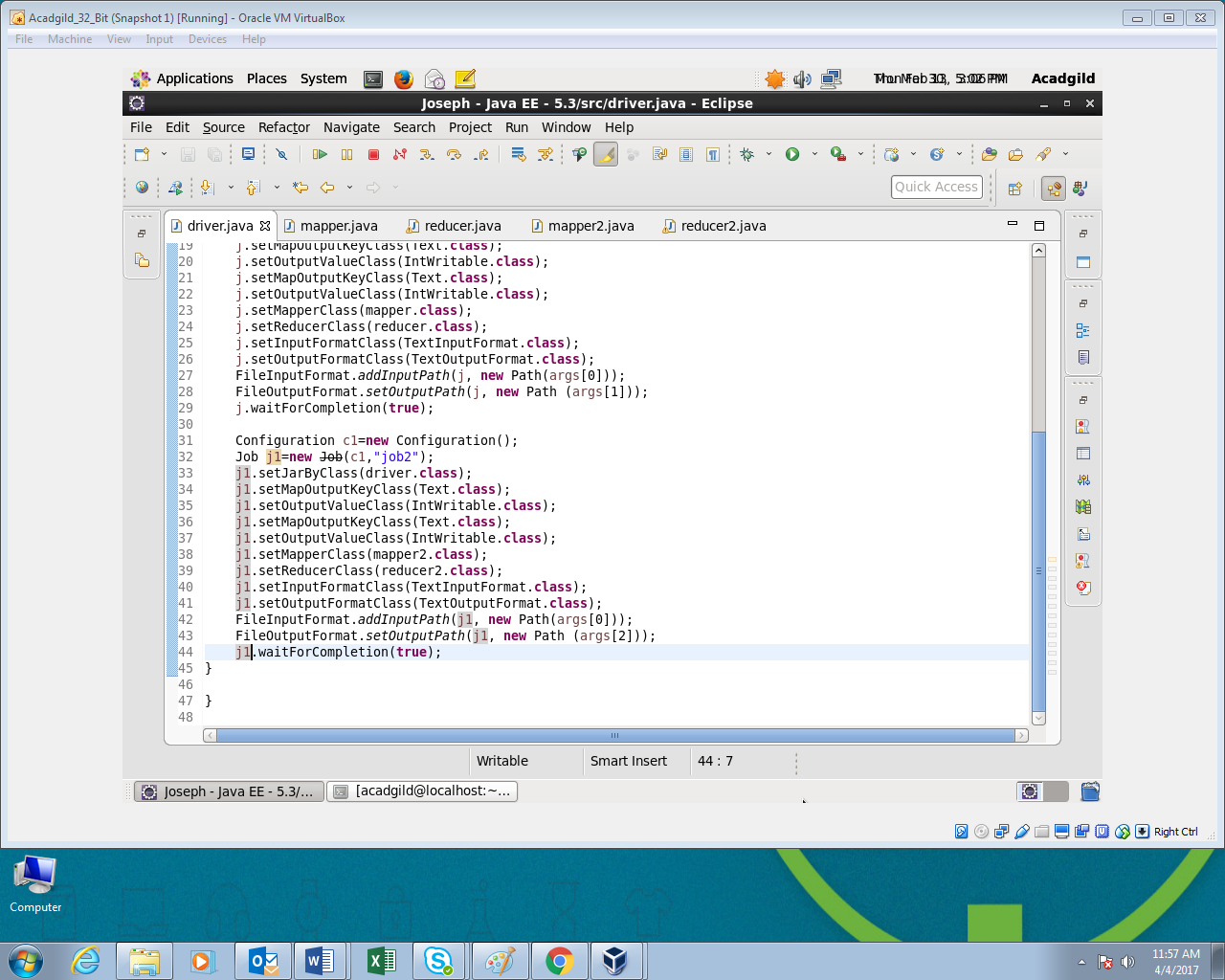
Find the number of ratings given by each user.

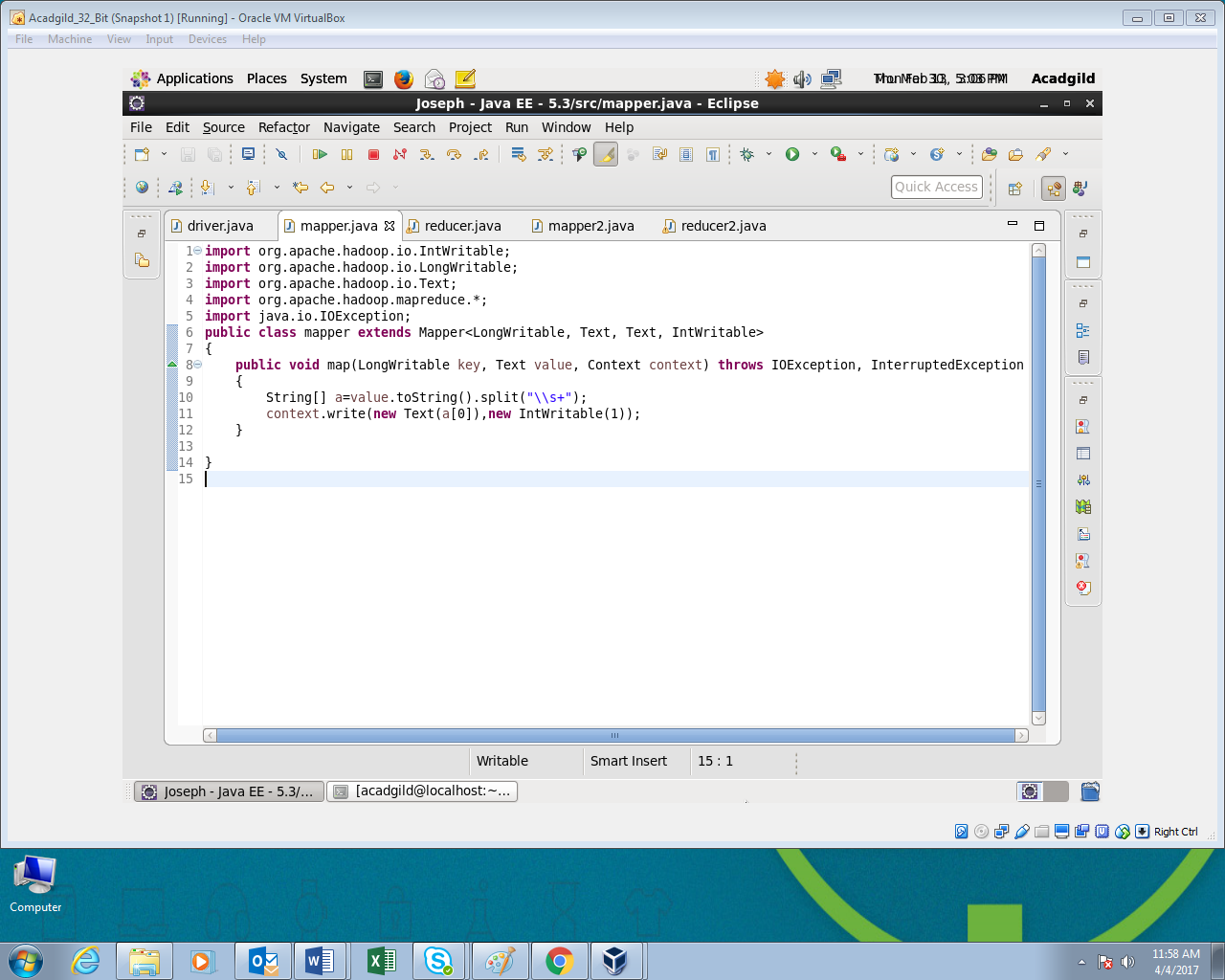
**Problem Statement 2:**

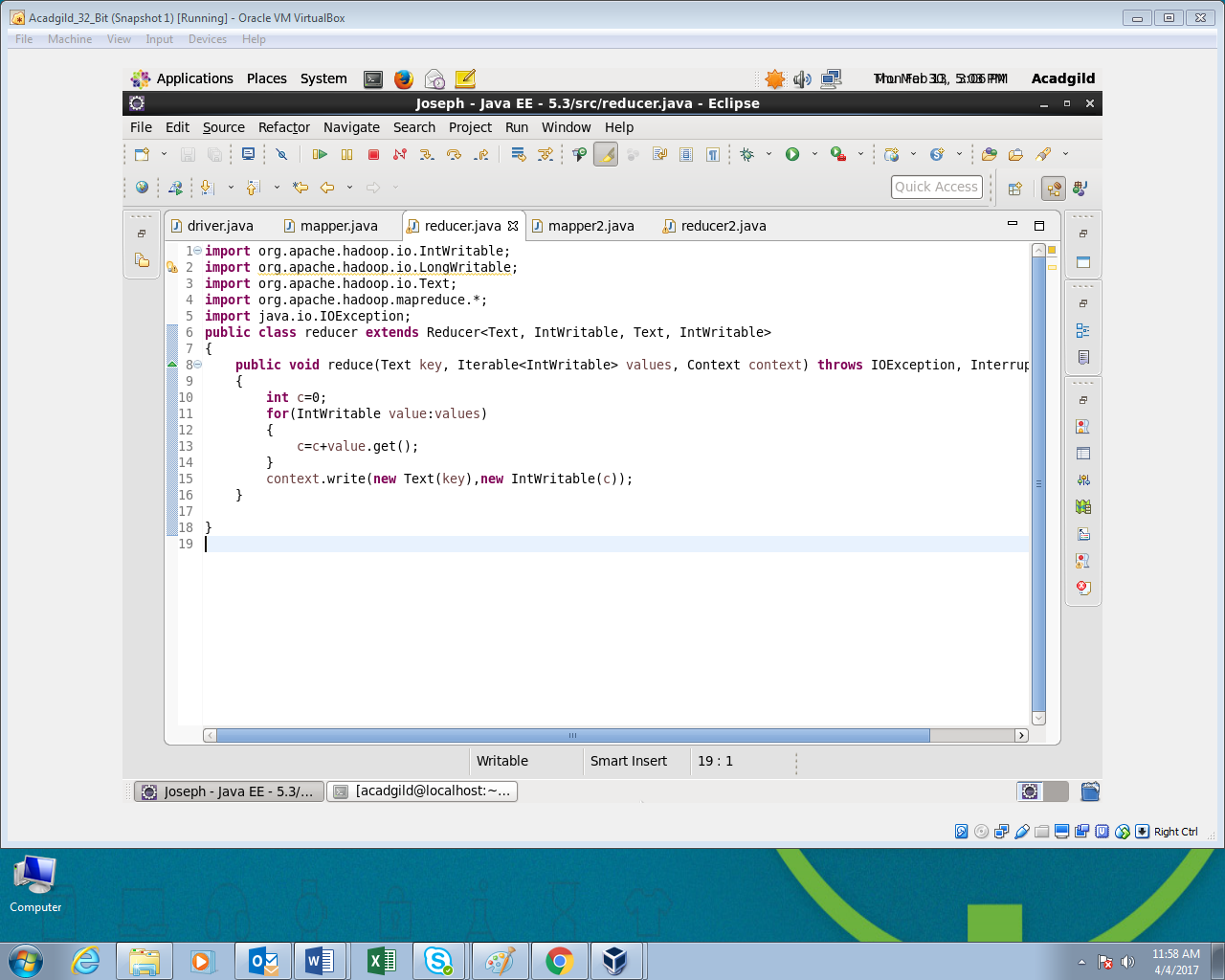
Find the number of ratings received by each movie.

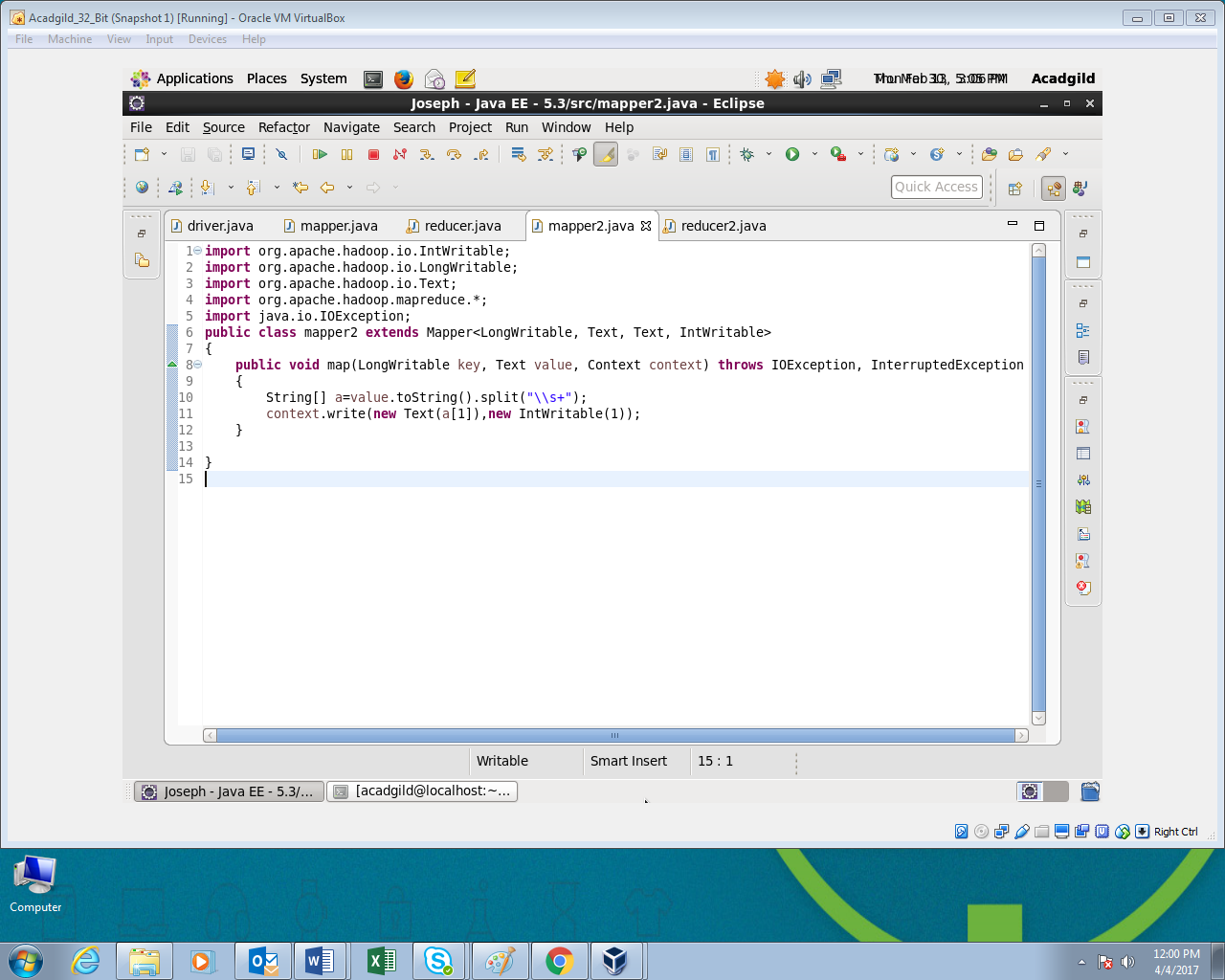
**Program:**

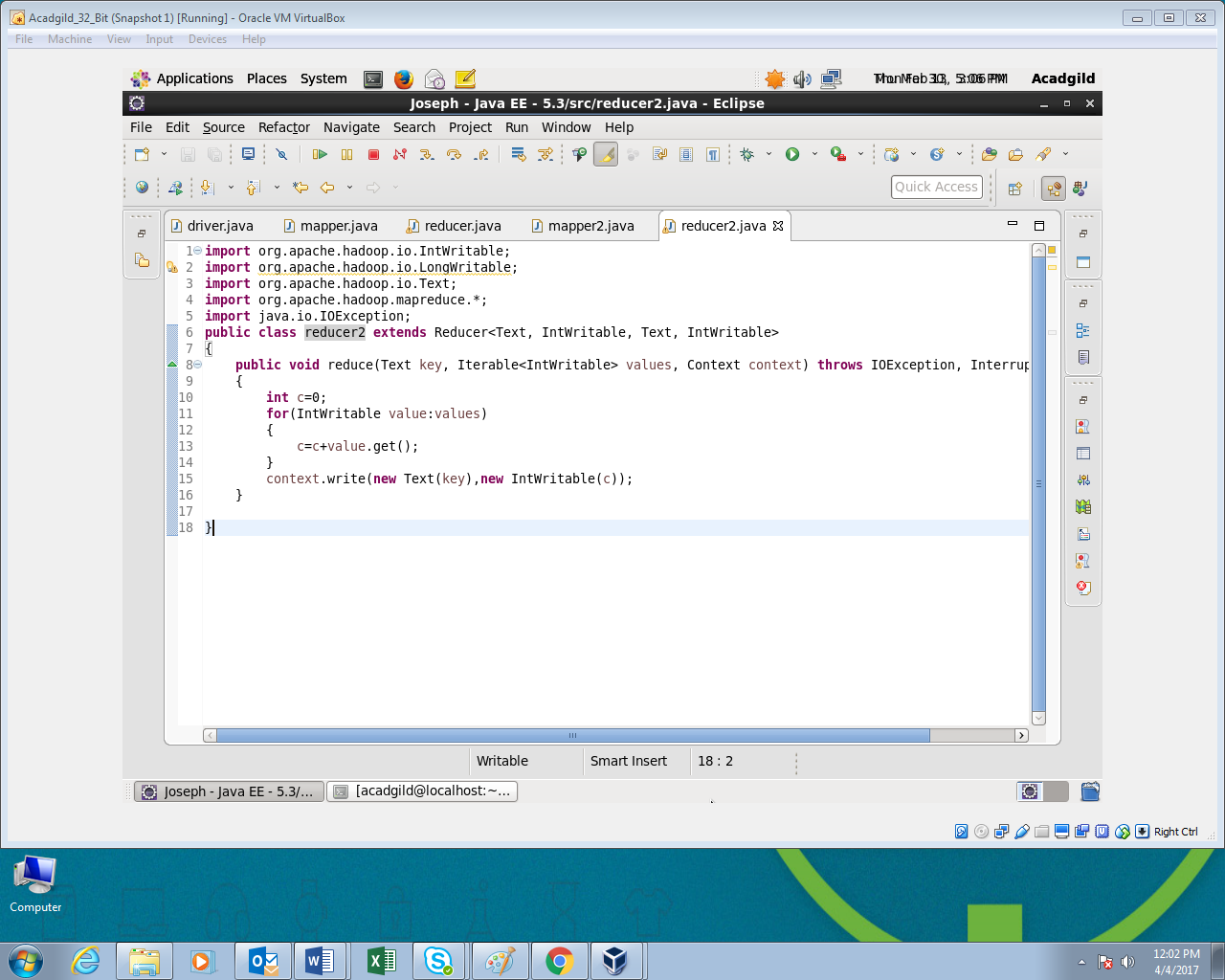












**Output:**

