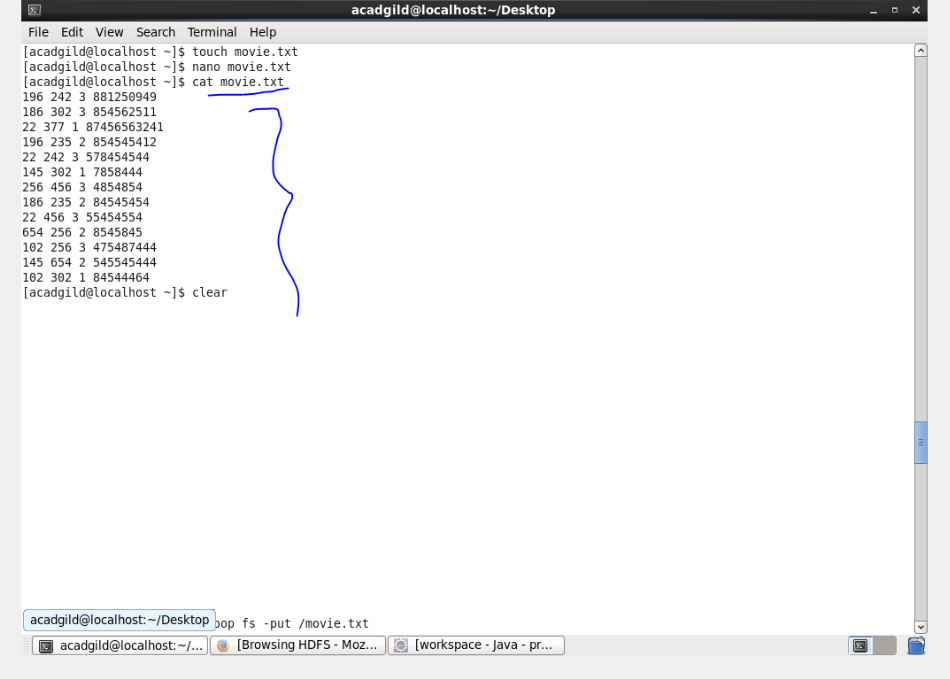
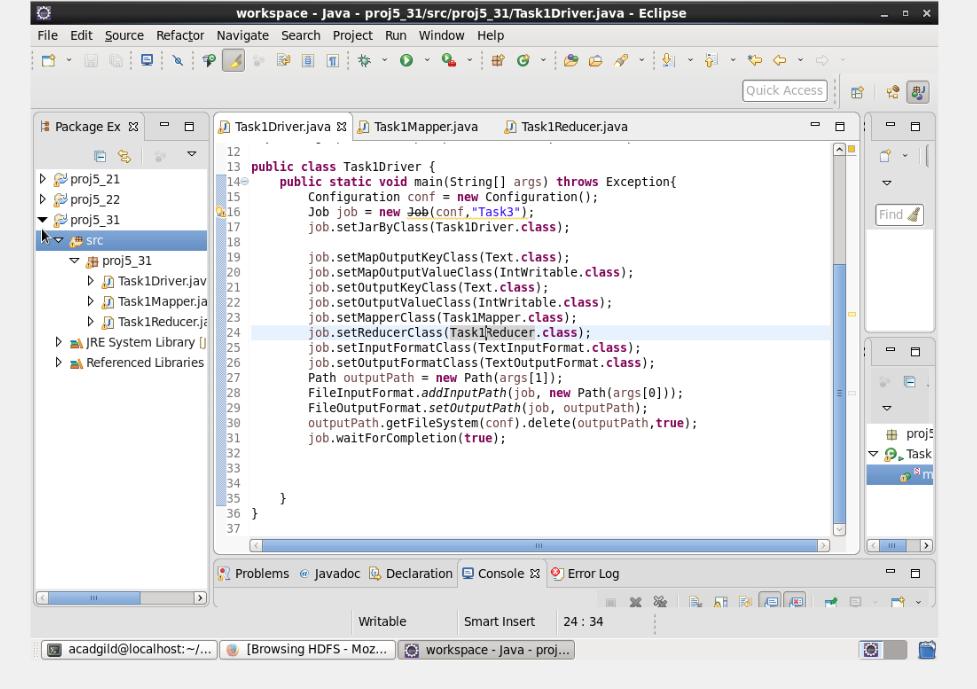
**Problem 1: Find the number of ratings given by each user.**

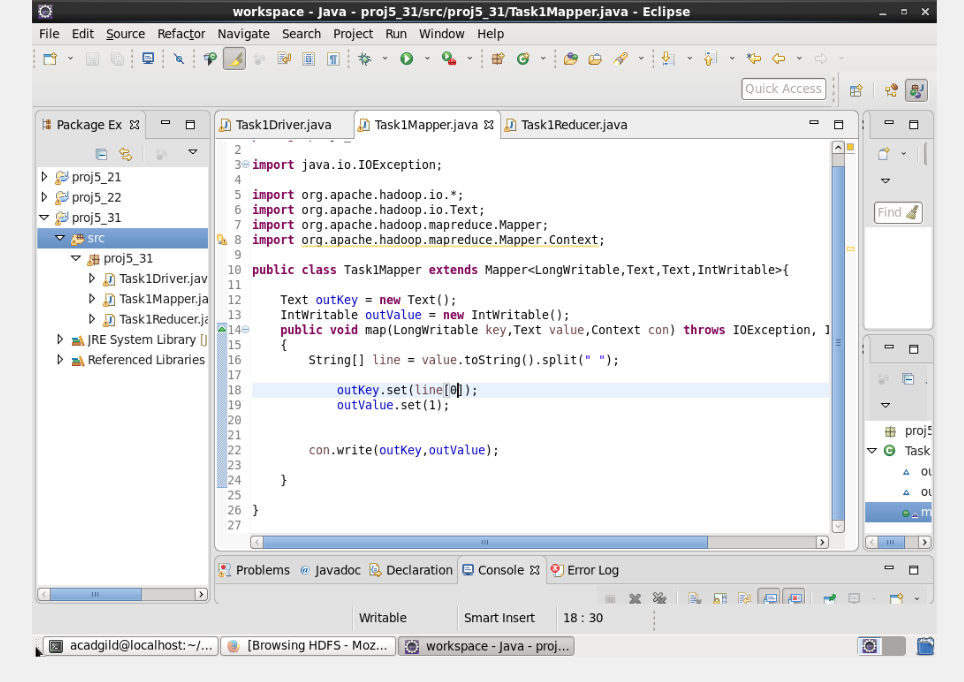
**Input file:**

****

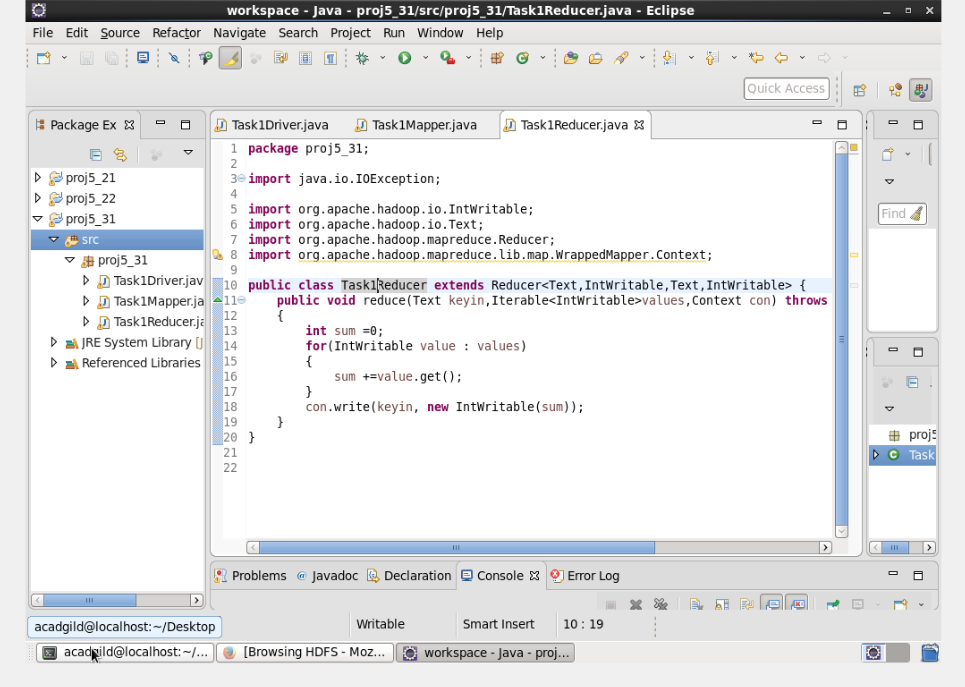
**Driver class:**

****

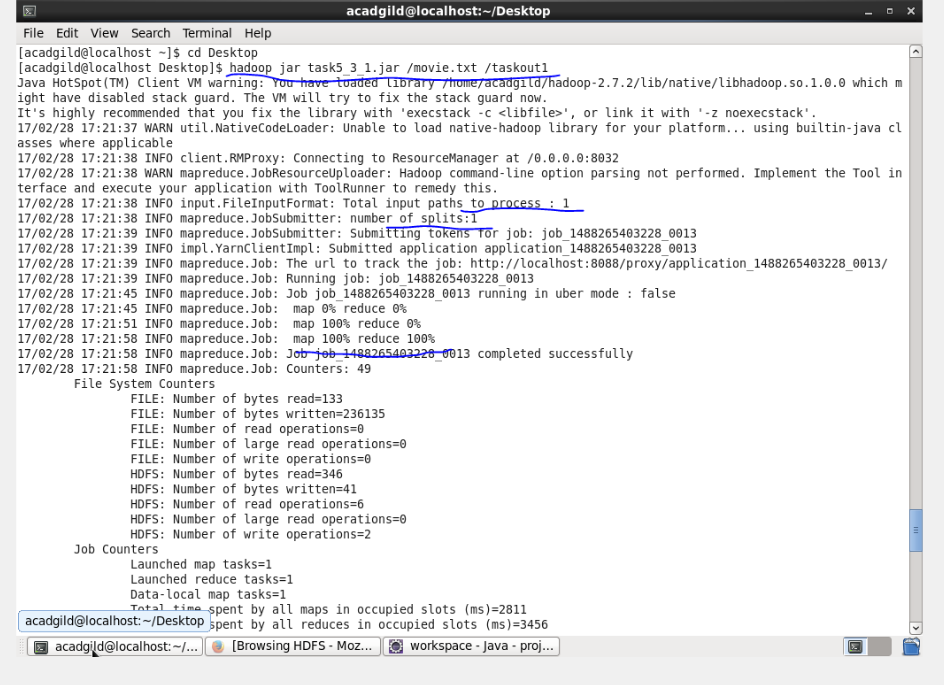
**Mapper class:**

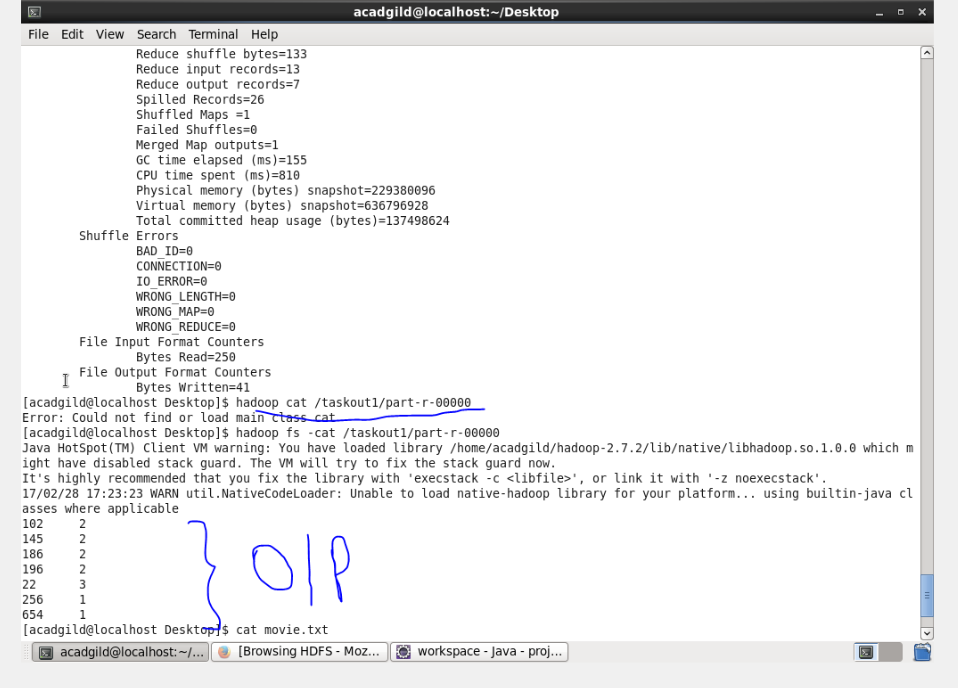
****

**Reducer class:**



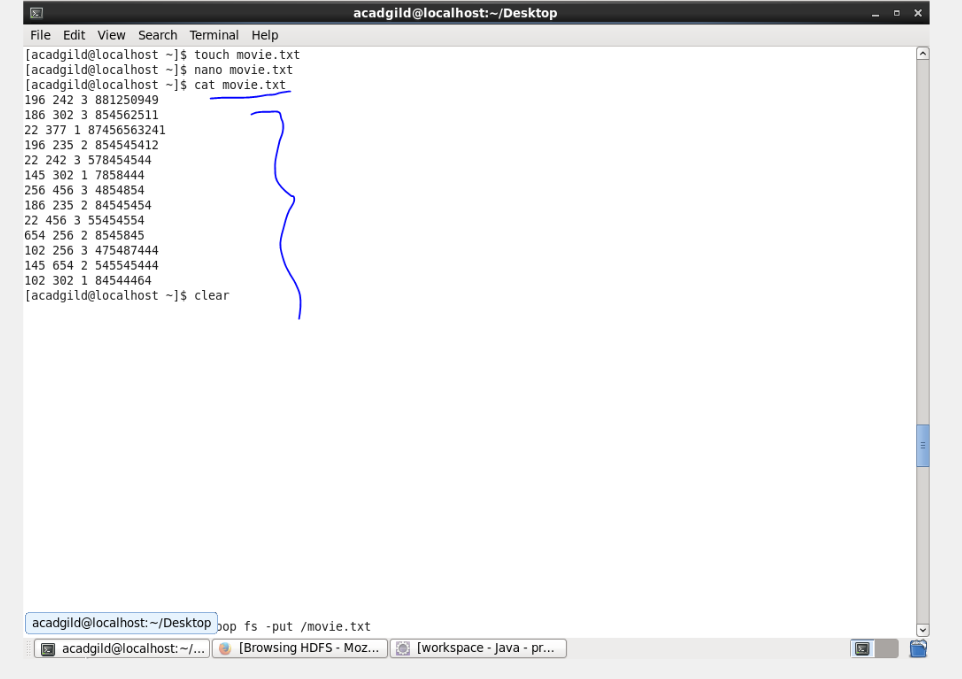
**Output:**



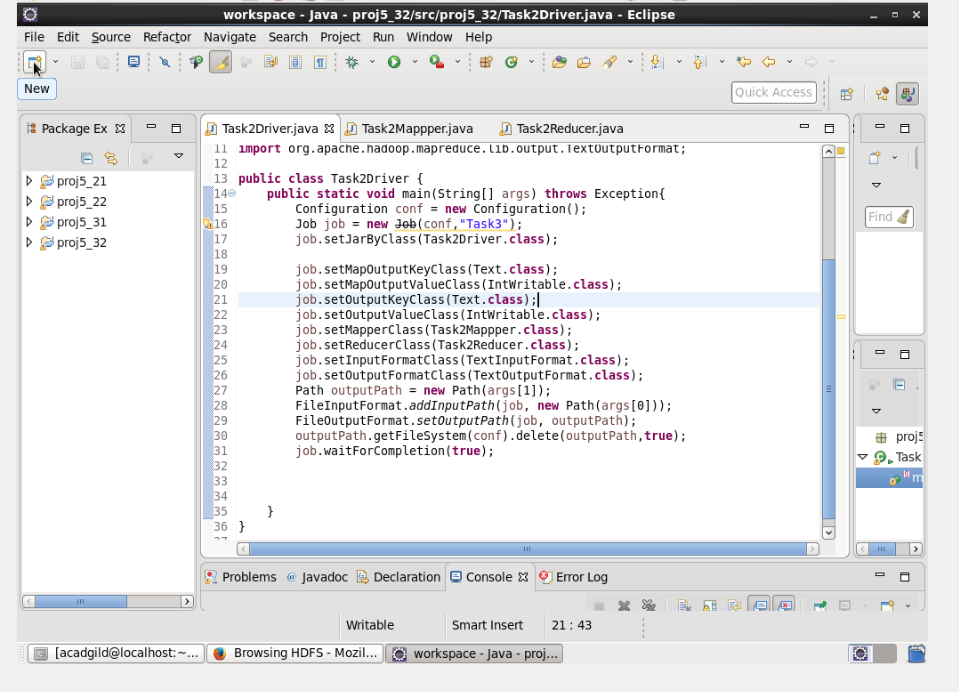
****

**Program 2: Find the number of ratings received by each movie.**

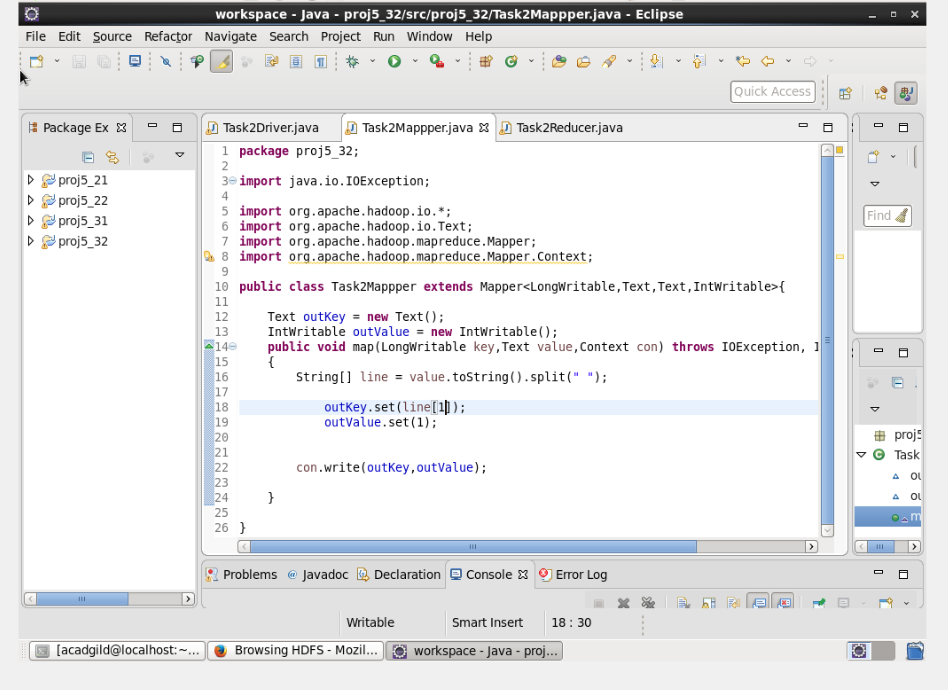
**Input:**



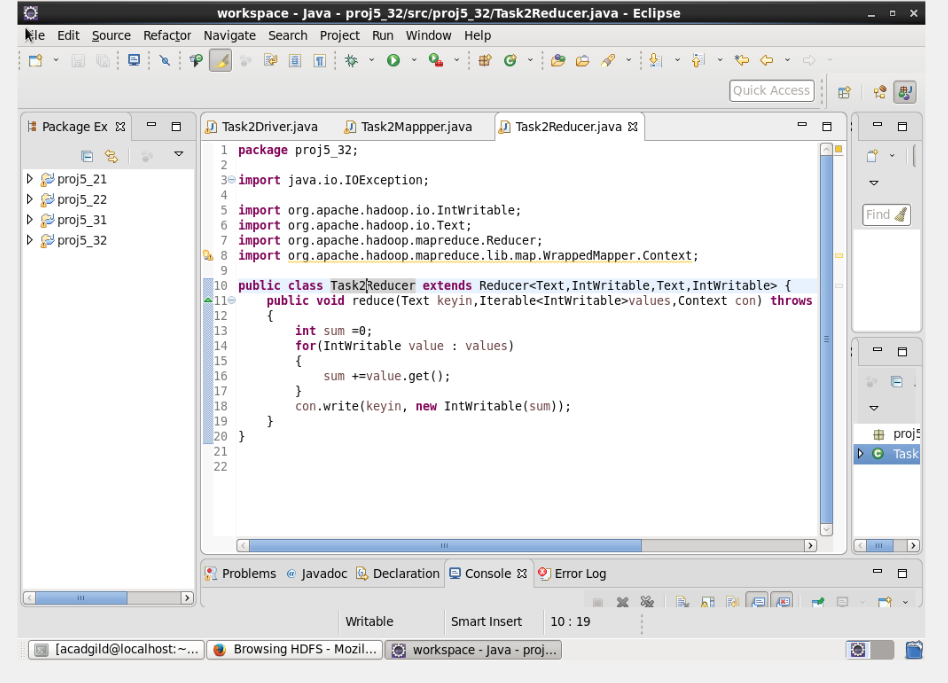
**Driver class:**



**Mapper class:**

****

**Reducer class:**



**Output:**

