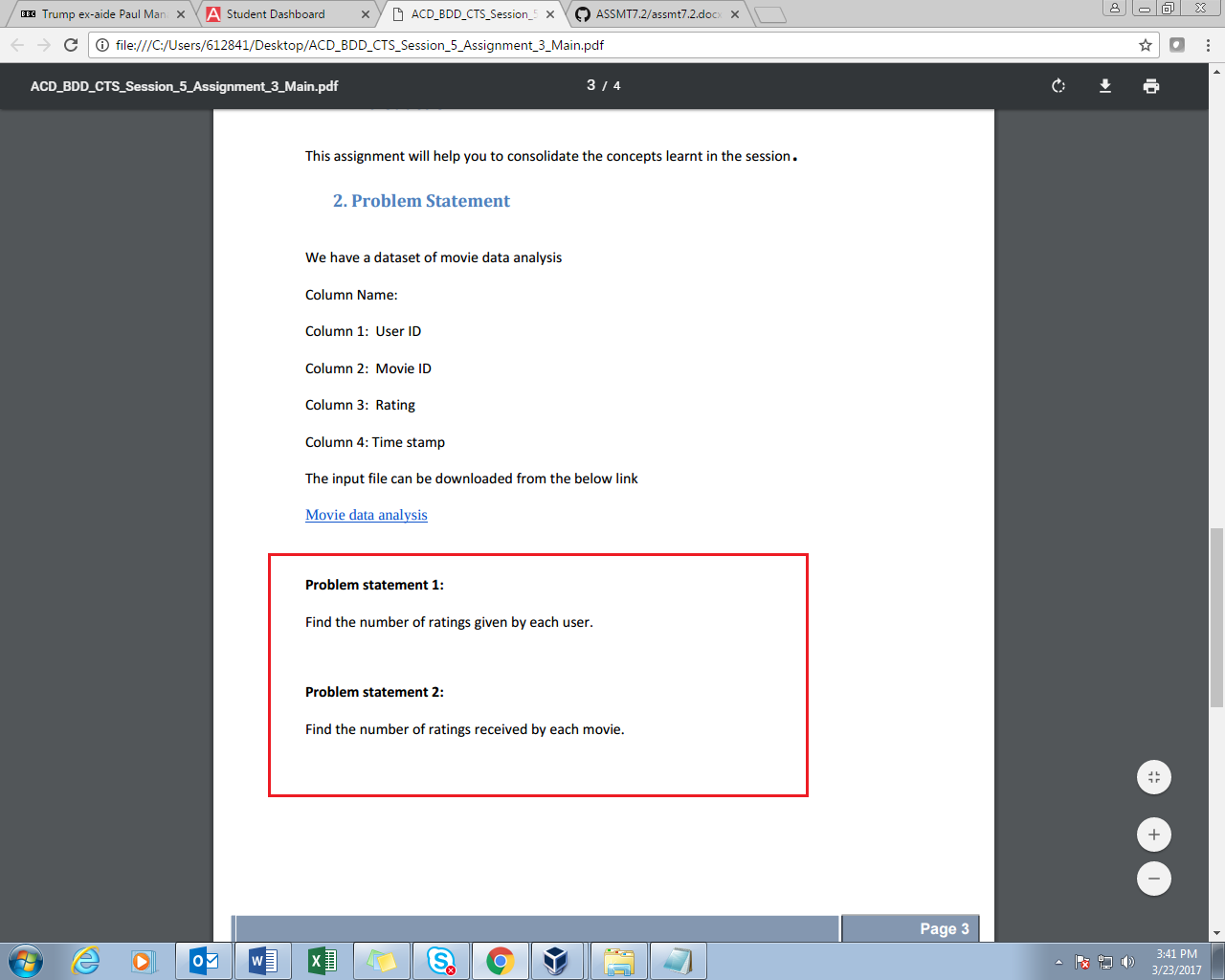
PROBLEM STATEMENT:



**NOTE:**

**SINCE THE OUTPUT FOR THIS CODE IS HUGE, FINAL OUTPUT IS ATTACHED AS 2 TEXT FILES**

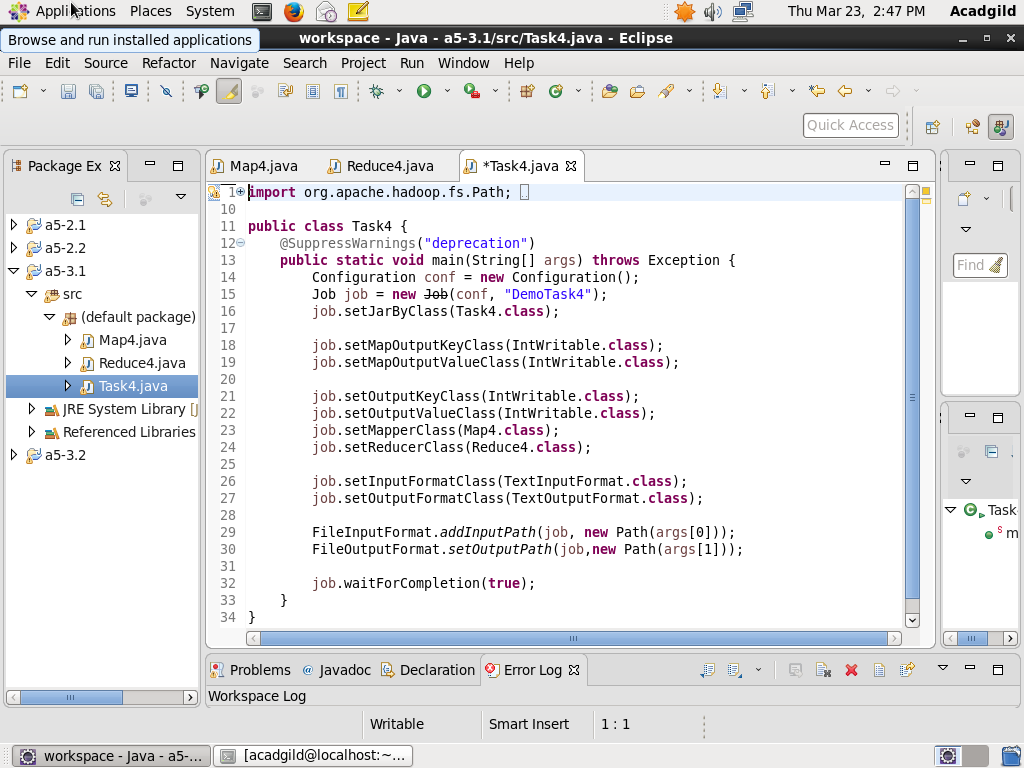
**1. 5-3-1OP.TXT**

**2. 5-3-2OP.TXT**

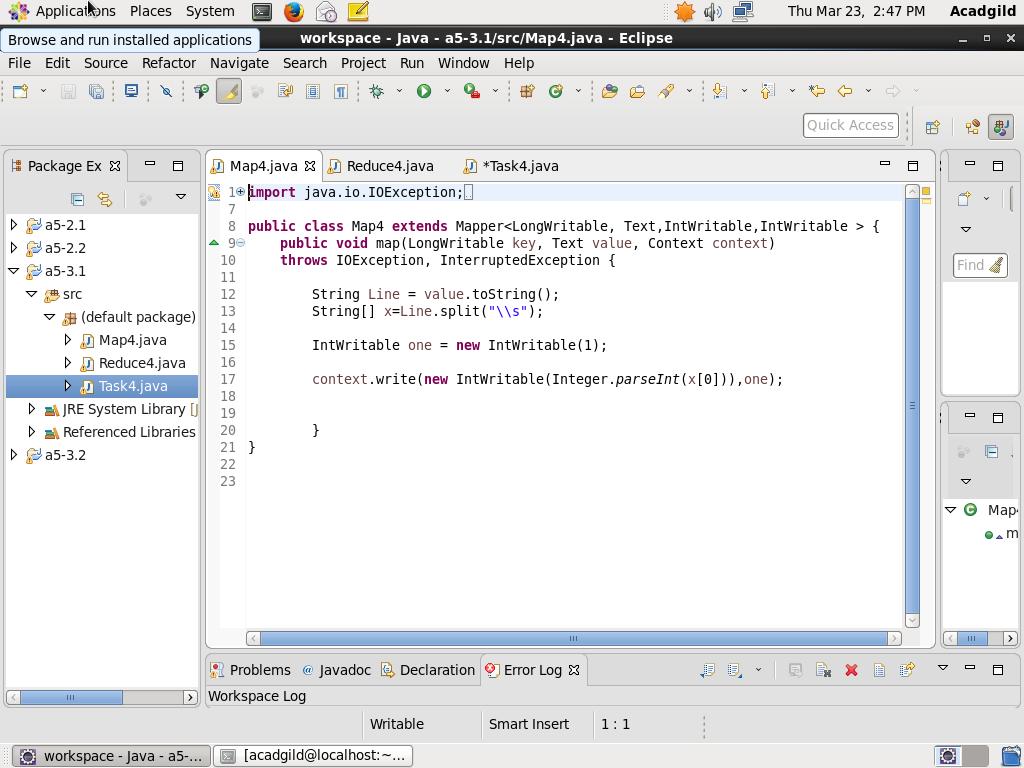
SOLUTION-1:

PROGRAM:

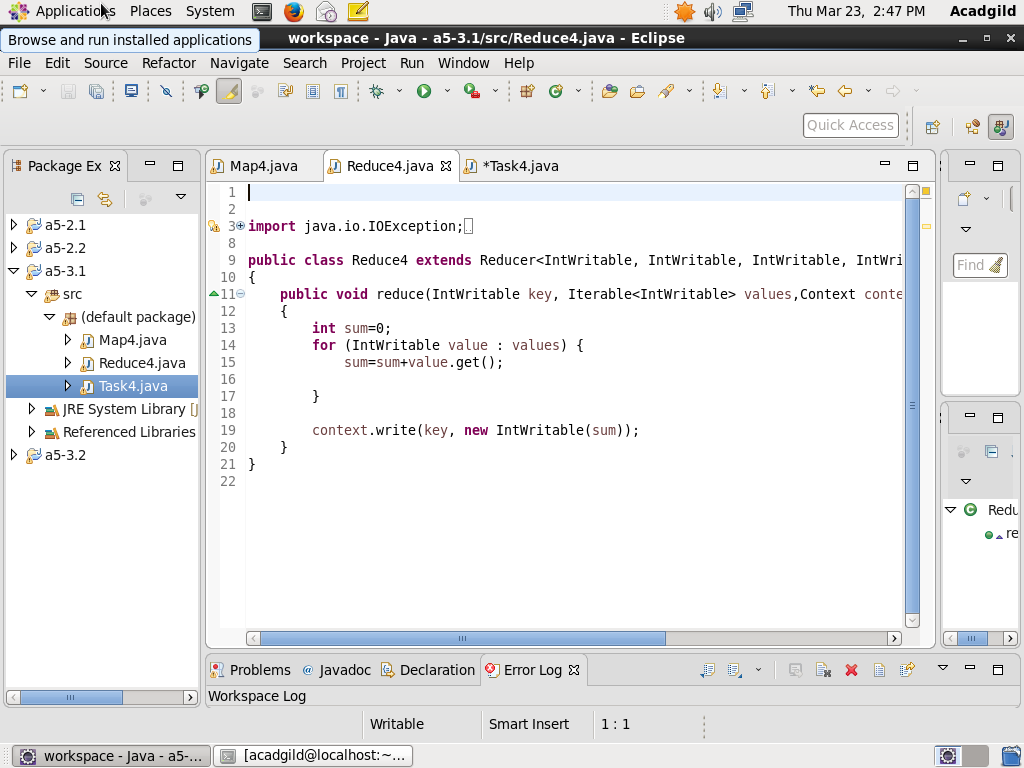
DRIVER



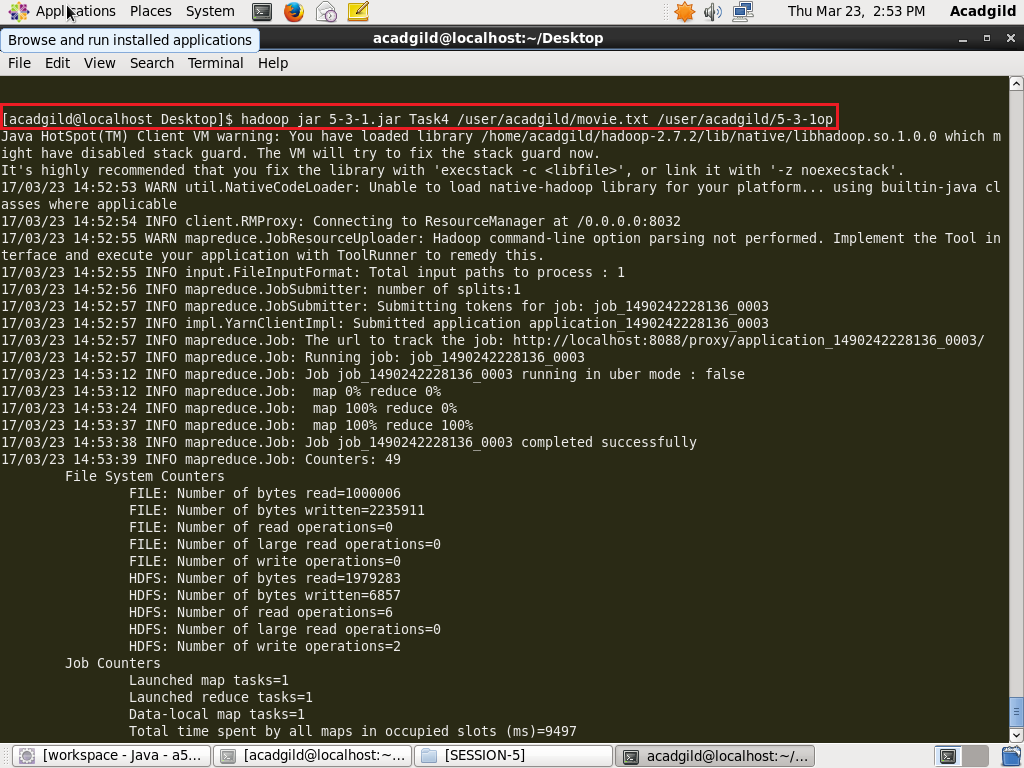
MAPPER

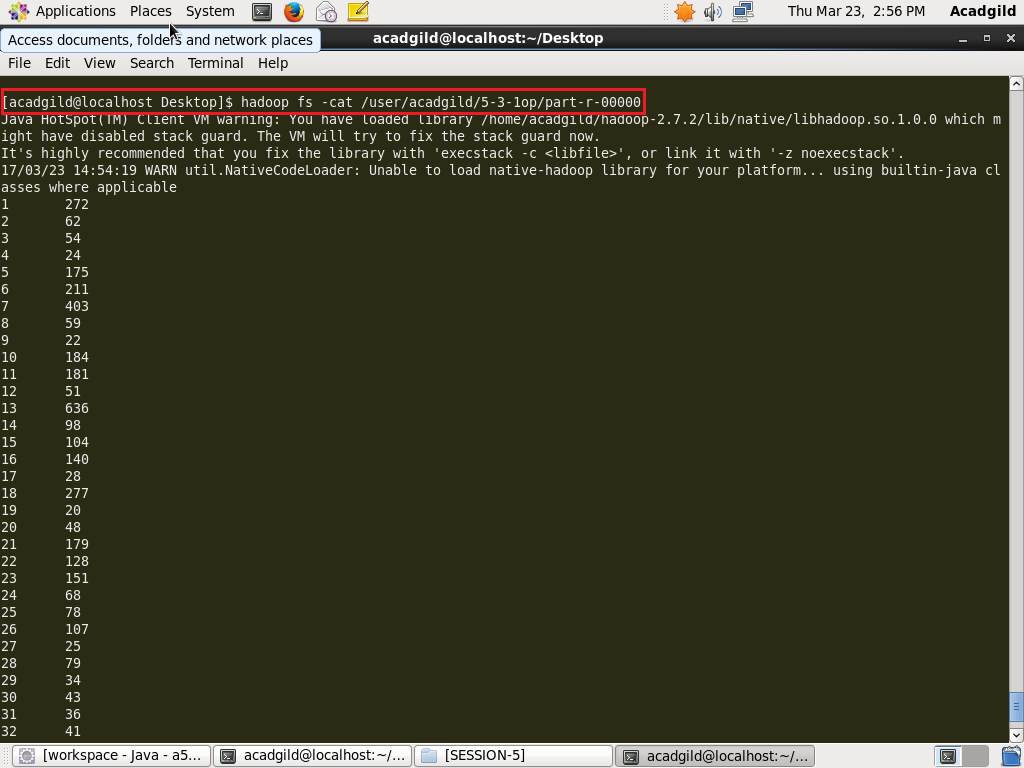


REDUCER:



OUTPUT:

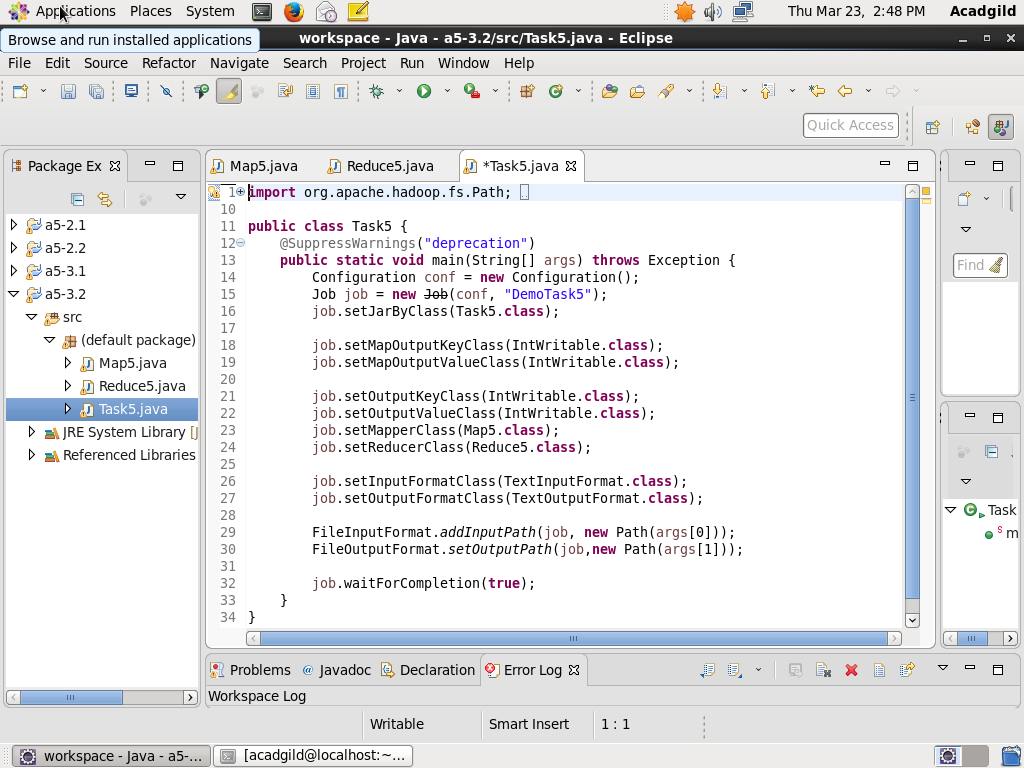




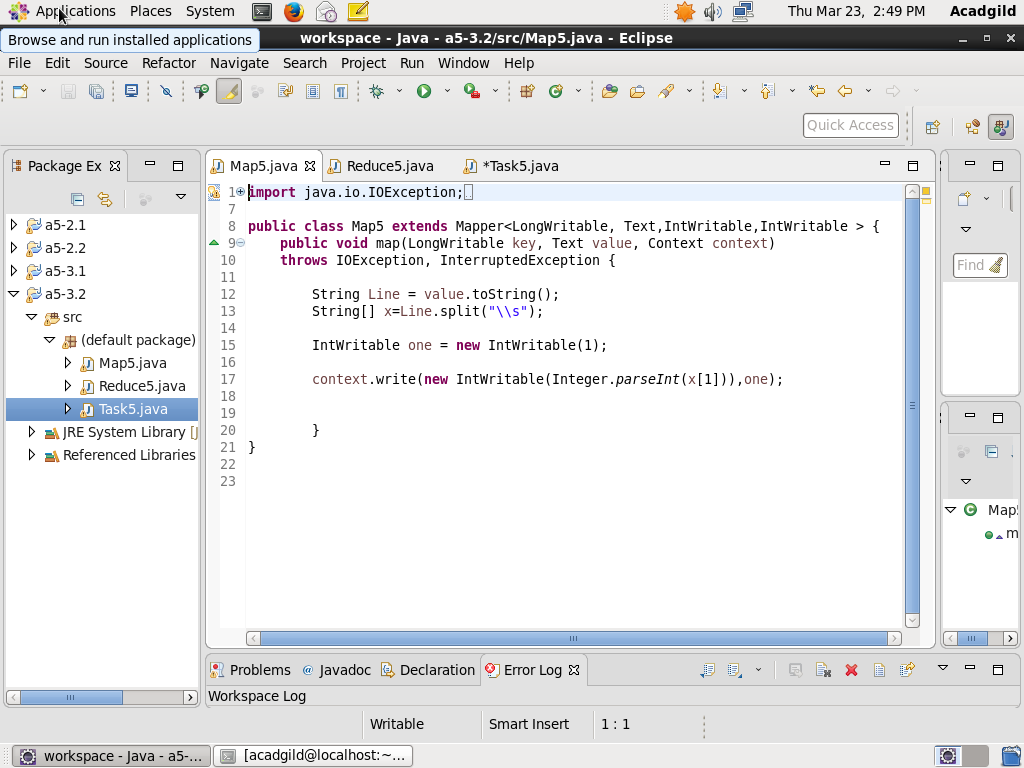
SOLUTION-2:

PROGRAM:

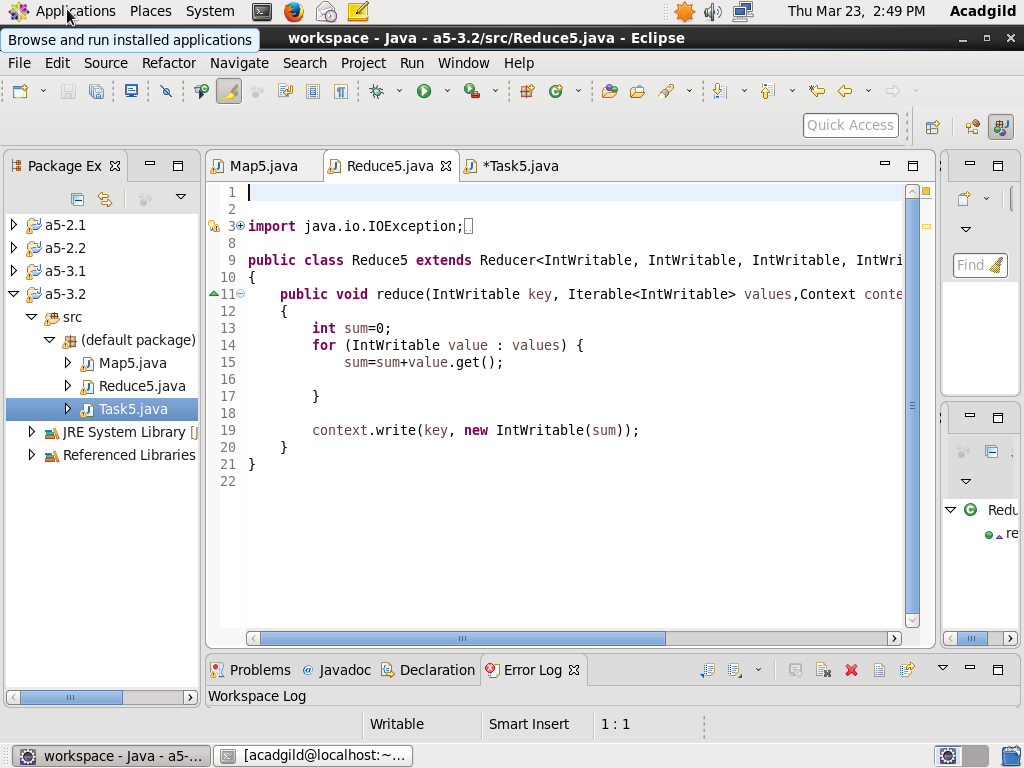
DRIVER



MAPPER



REDUCER:



OUTPUT:

