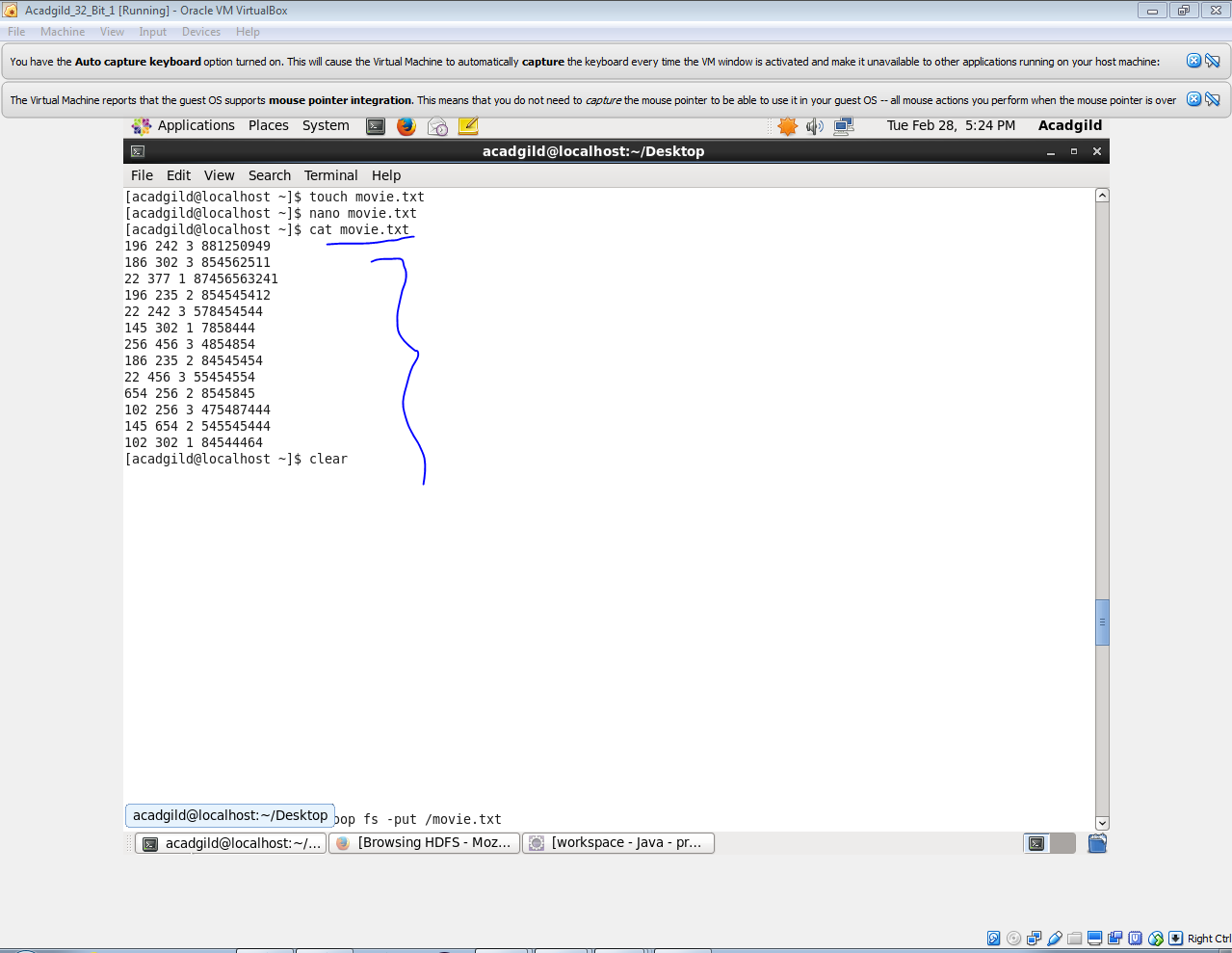
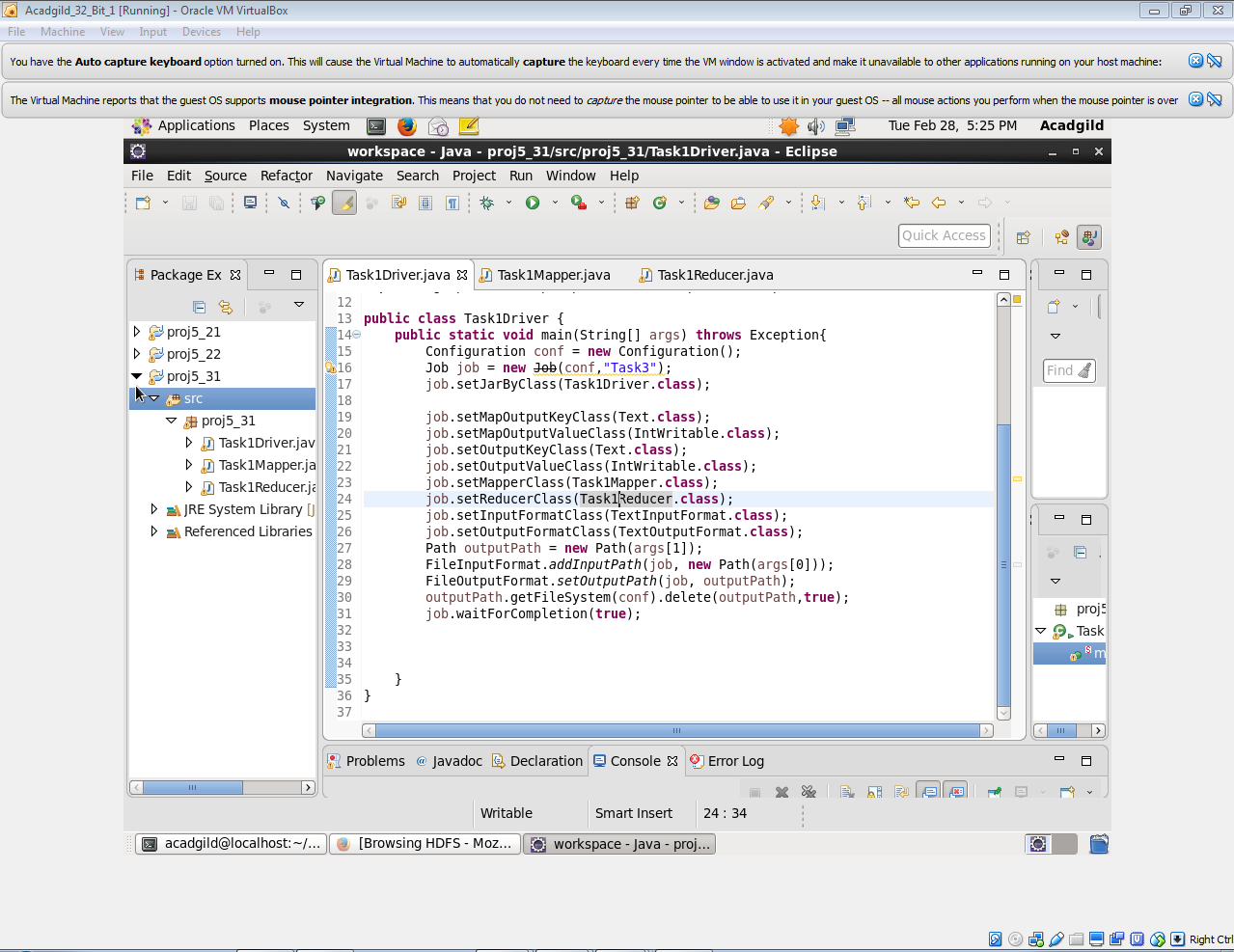
**Problem 1:**

**Input file:**

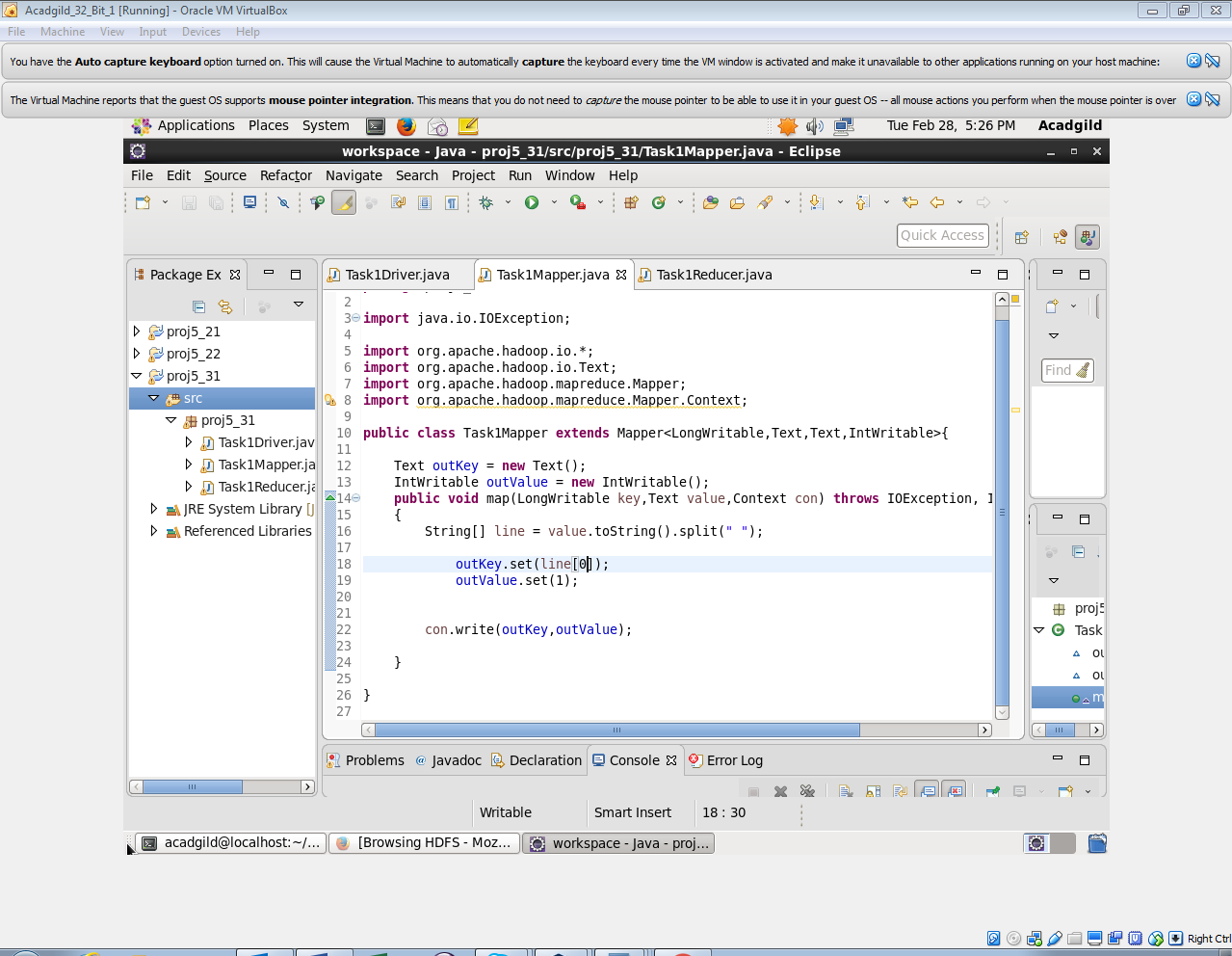
****

**Code:**

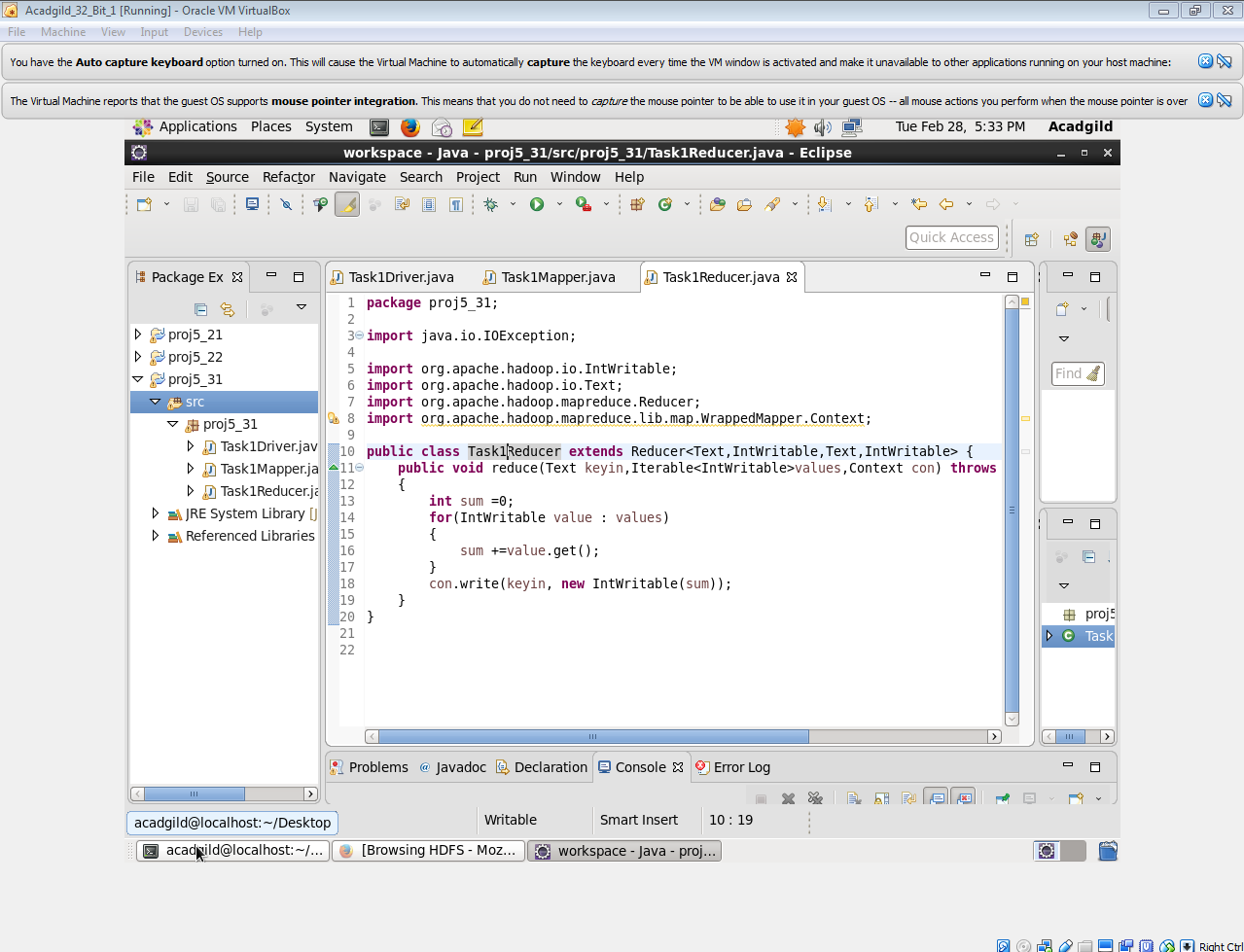
**Driver**

****

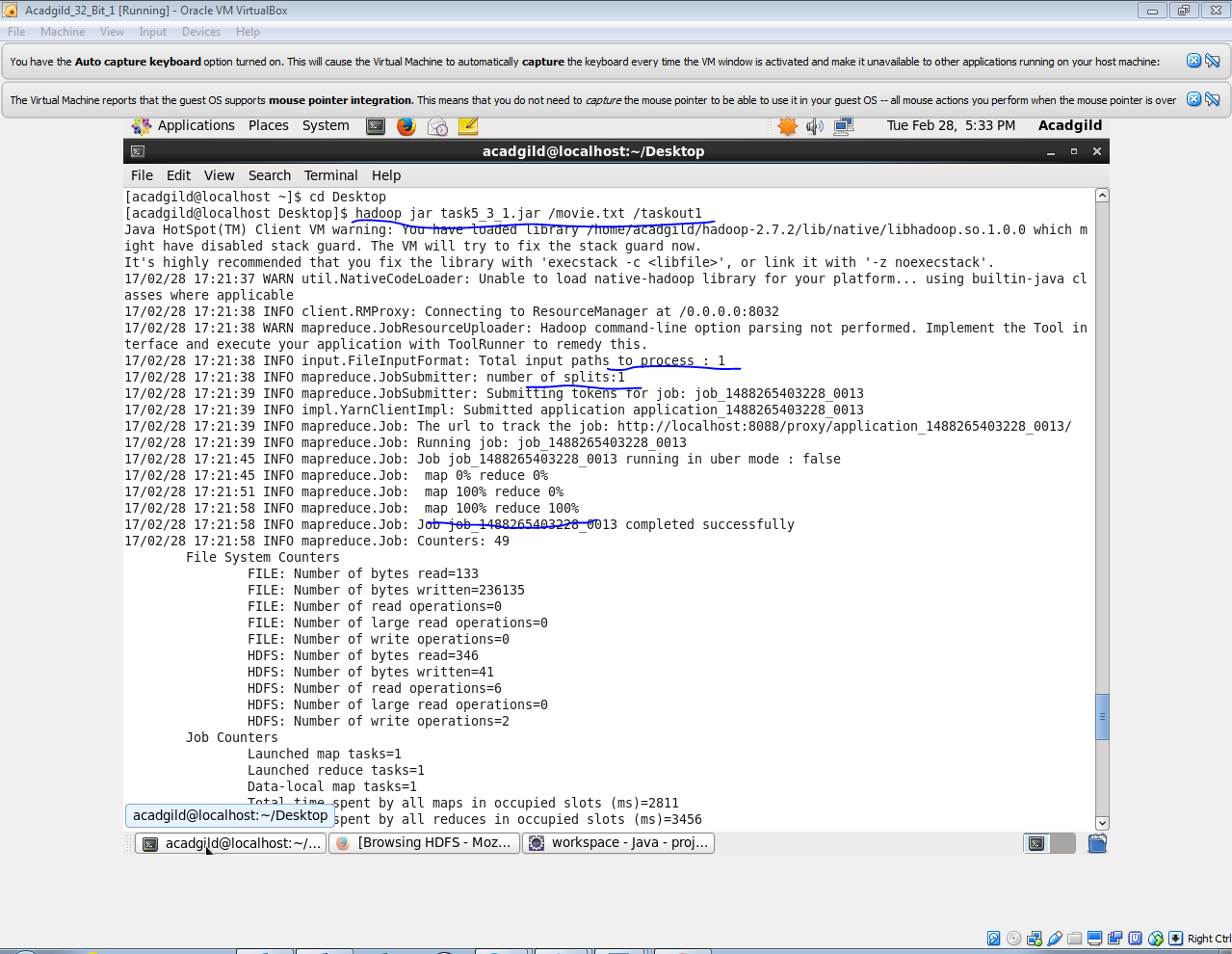
**Mapper**

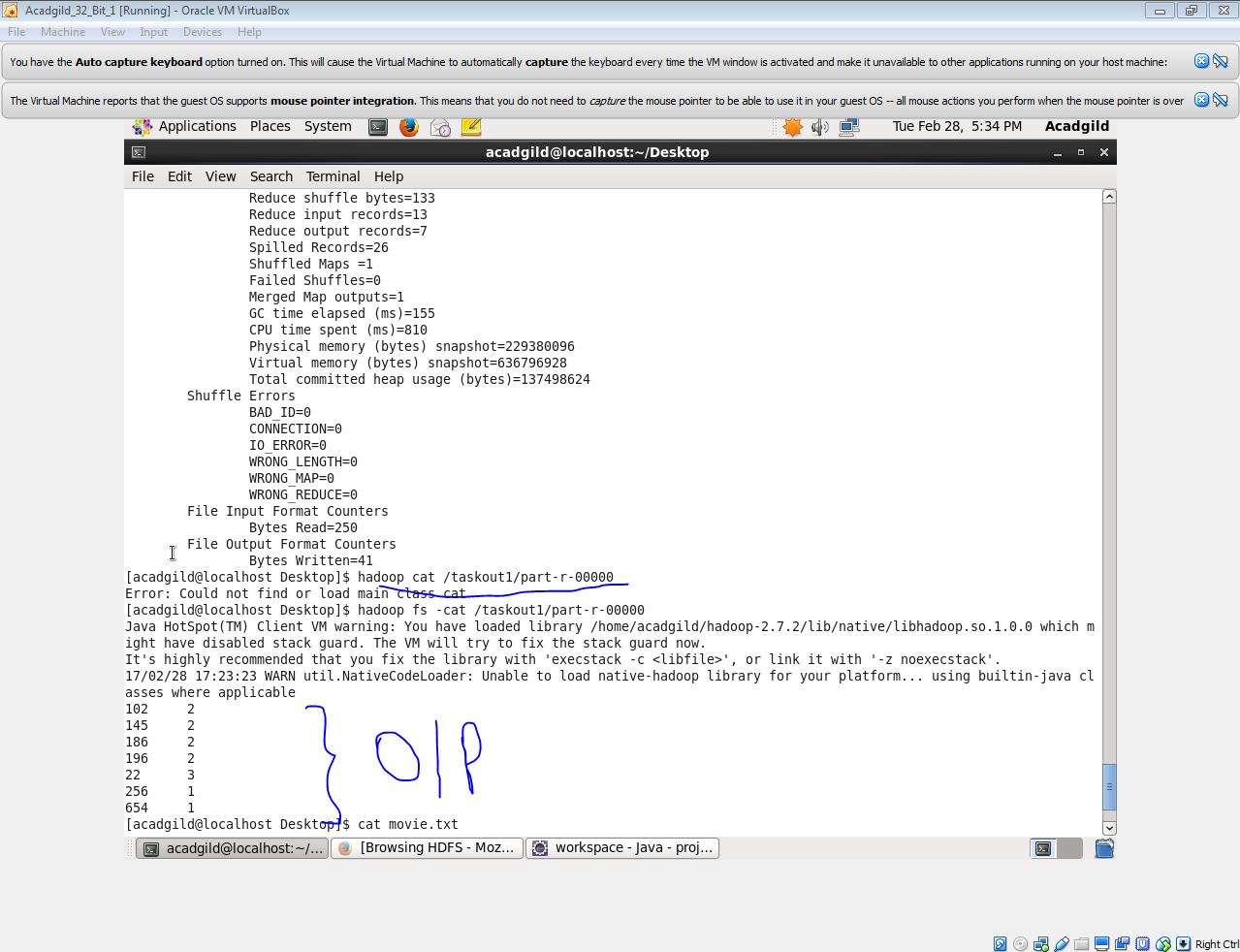
****

**Reducer**

****

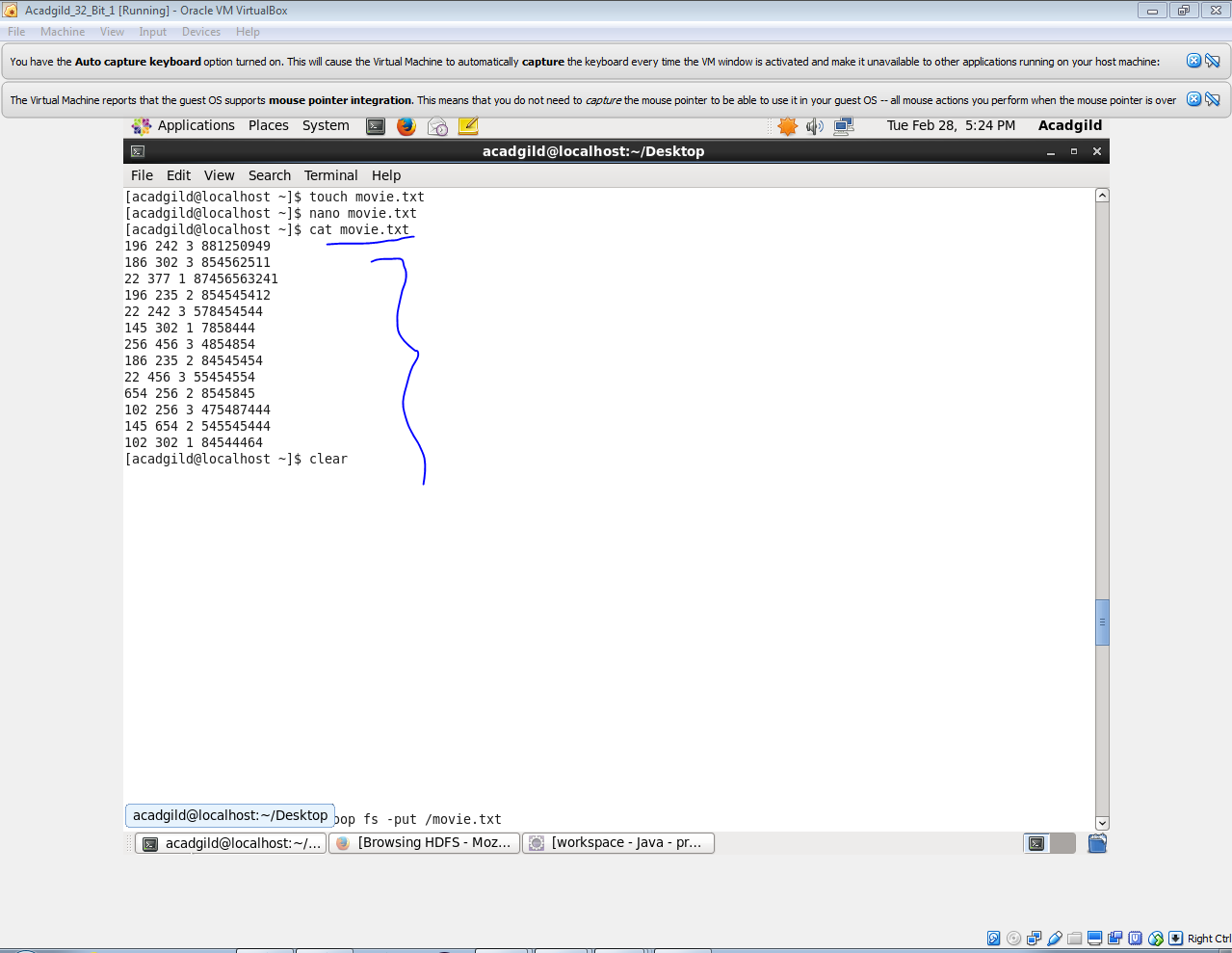
**Output**

****

****

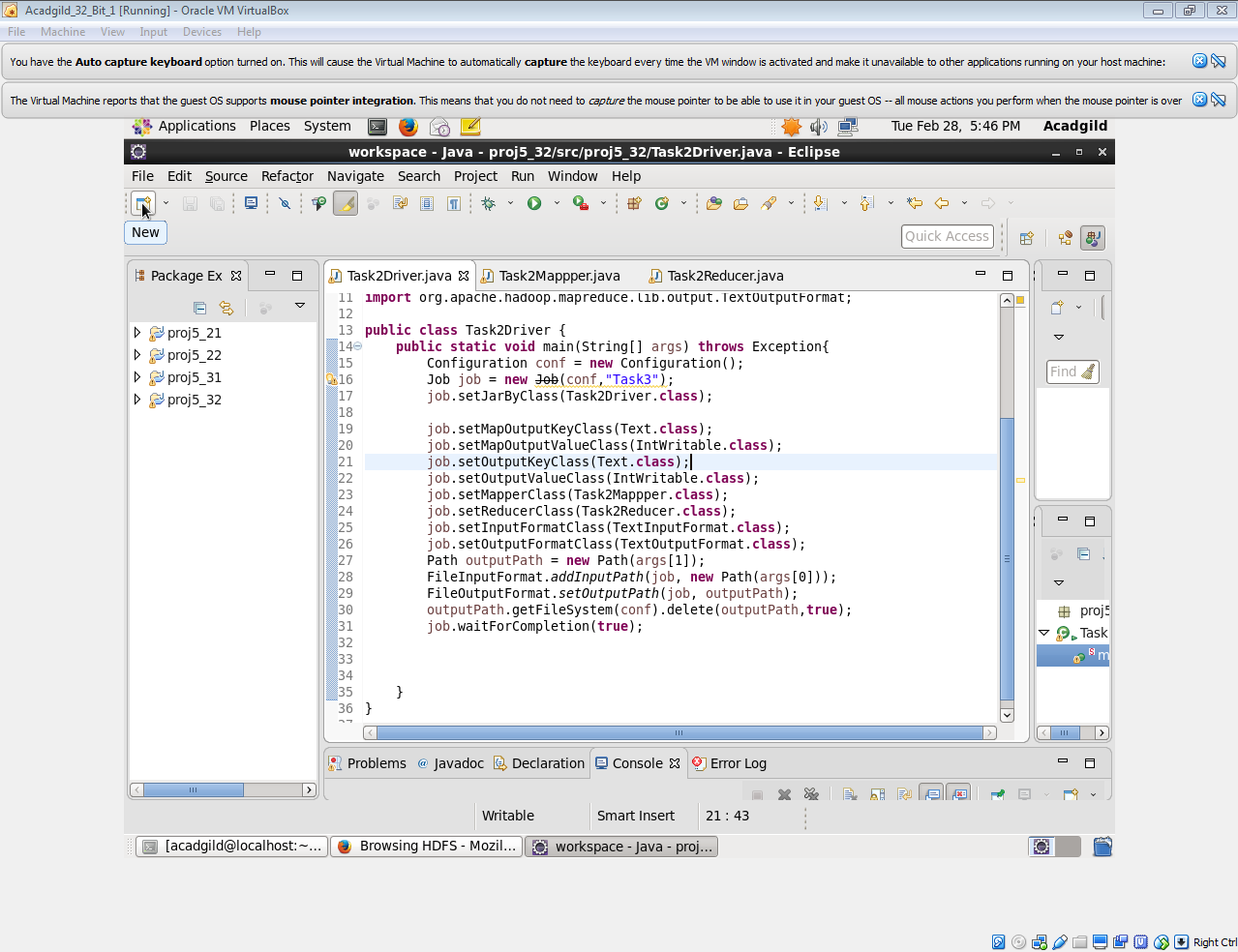
**Program 2 :**

**Input file**

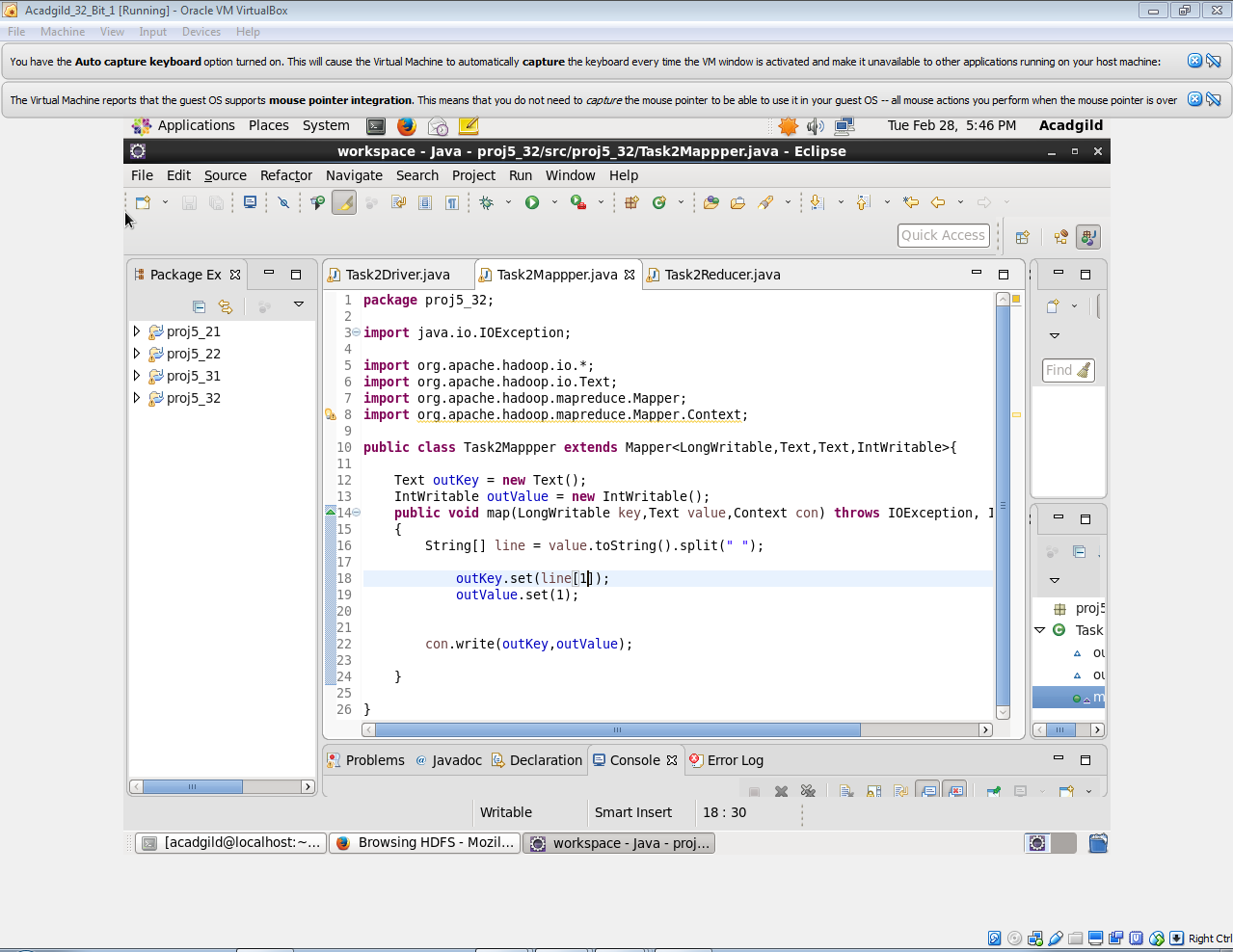
****

**Code**

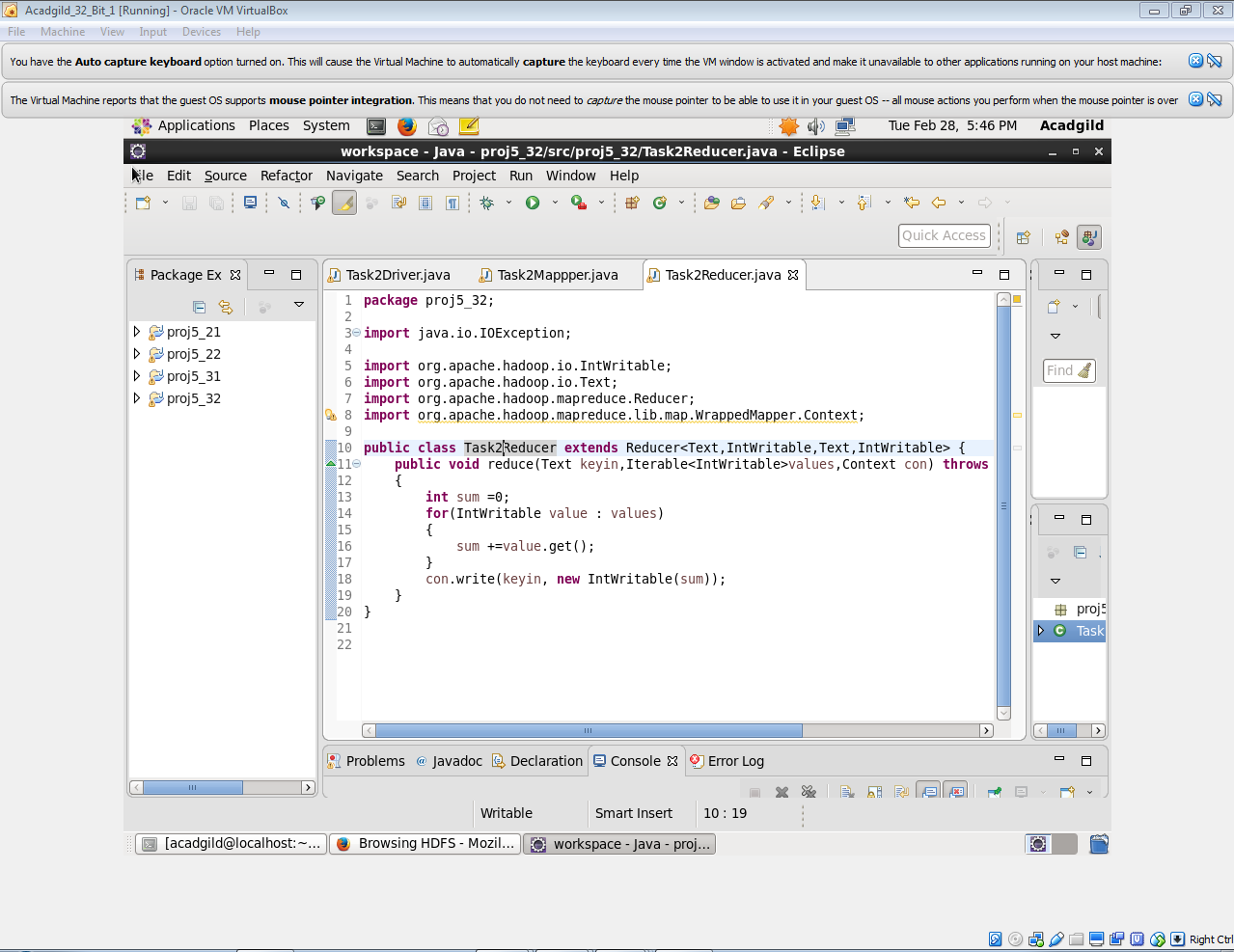
**Driver**

****

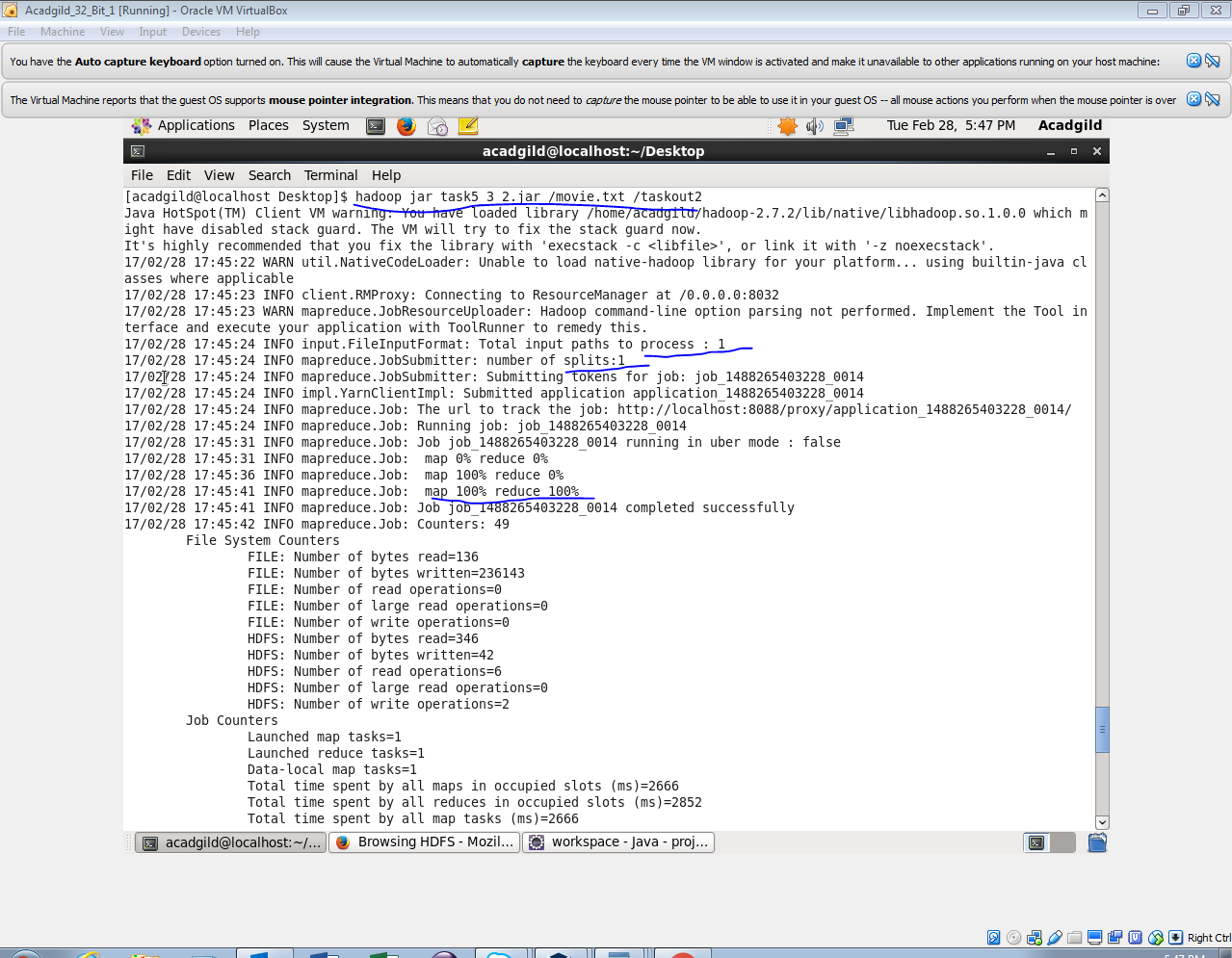
**Mapper**

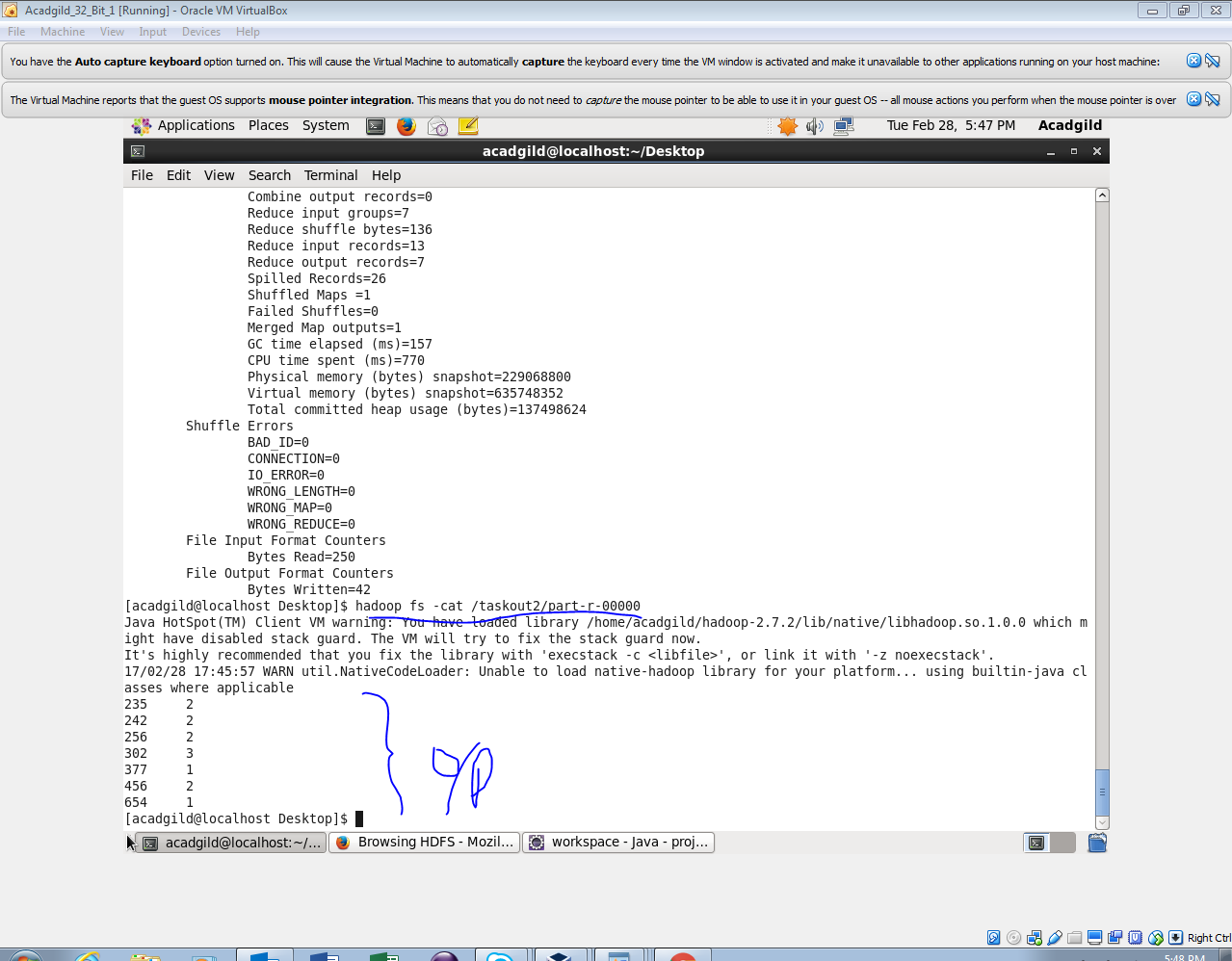
****

**Reducer**

****

**Output**

****

****