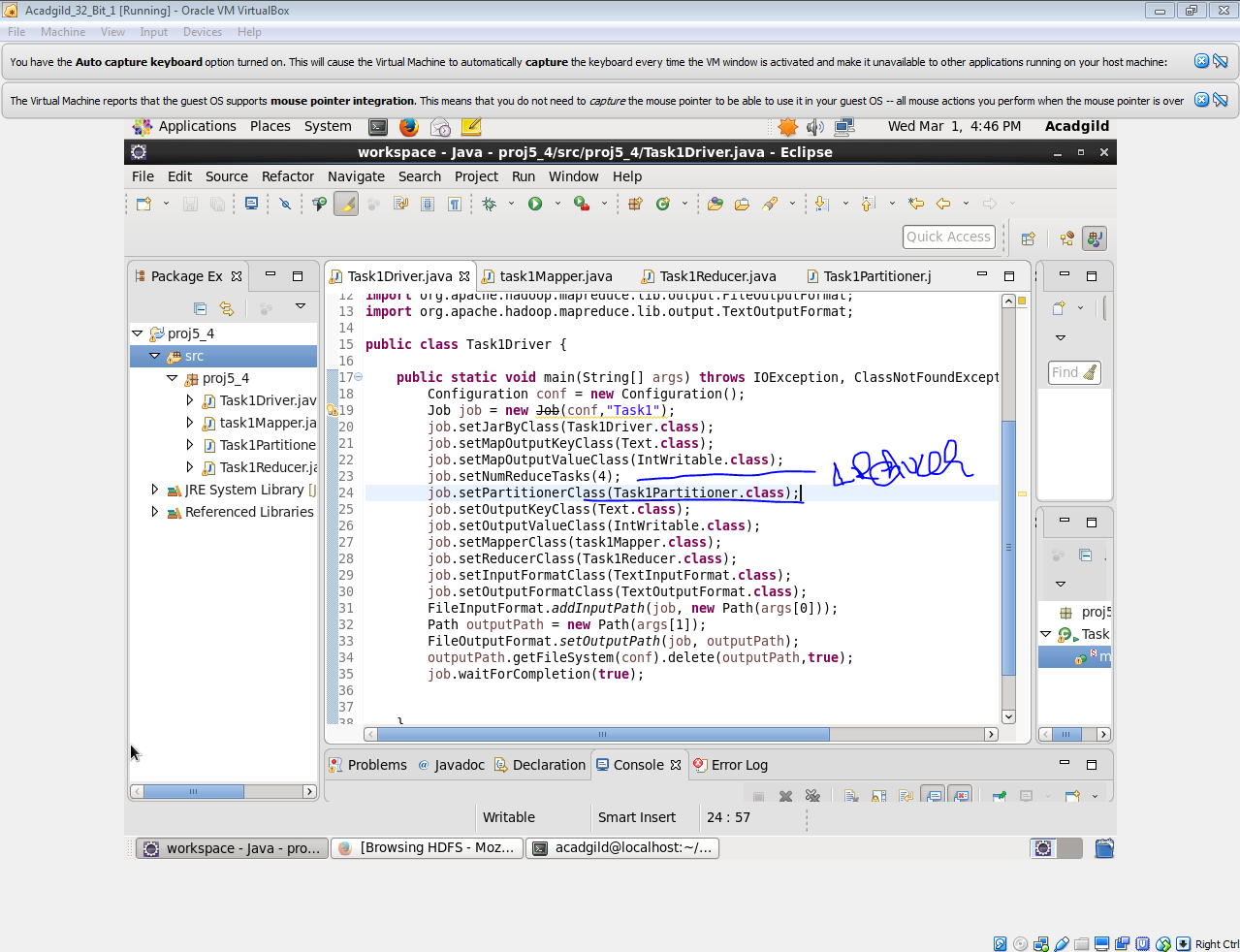
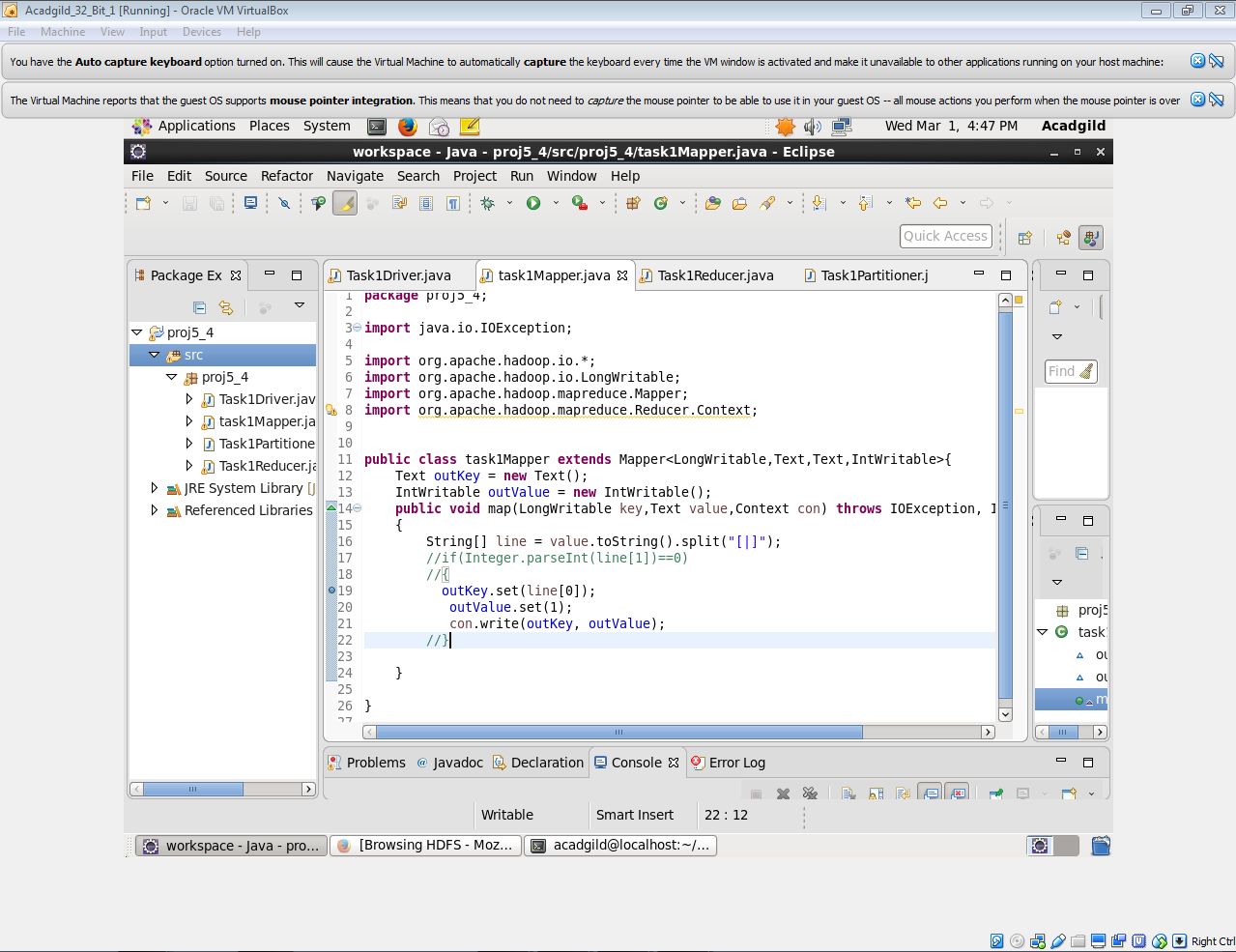
**Task 4:**

**Code**

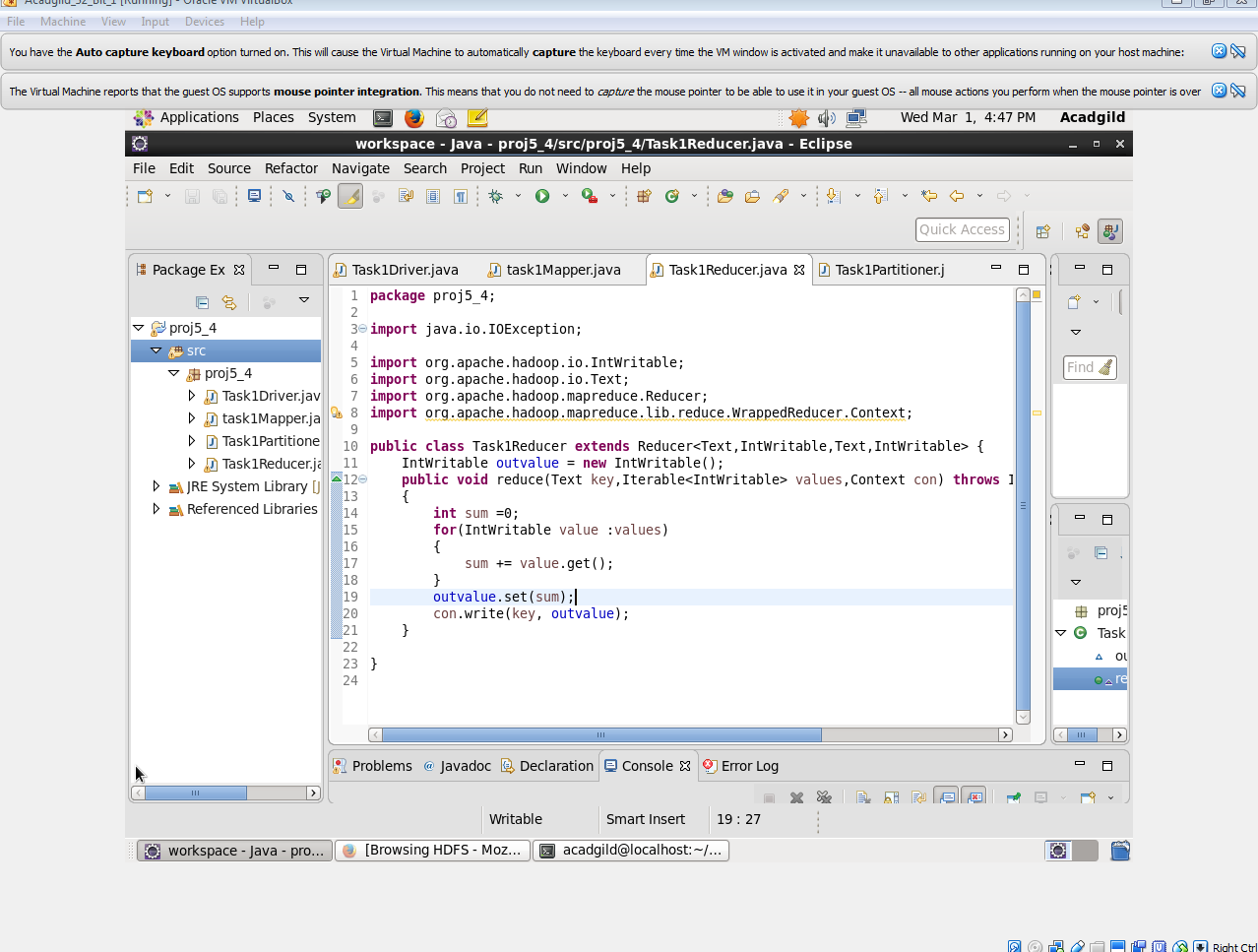
**Driver**

****

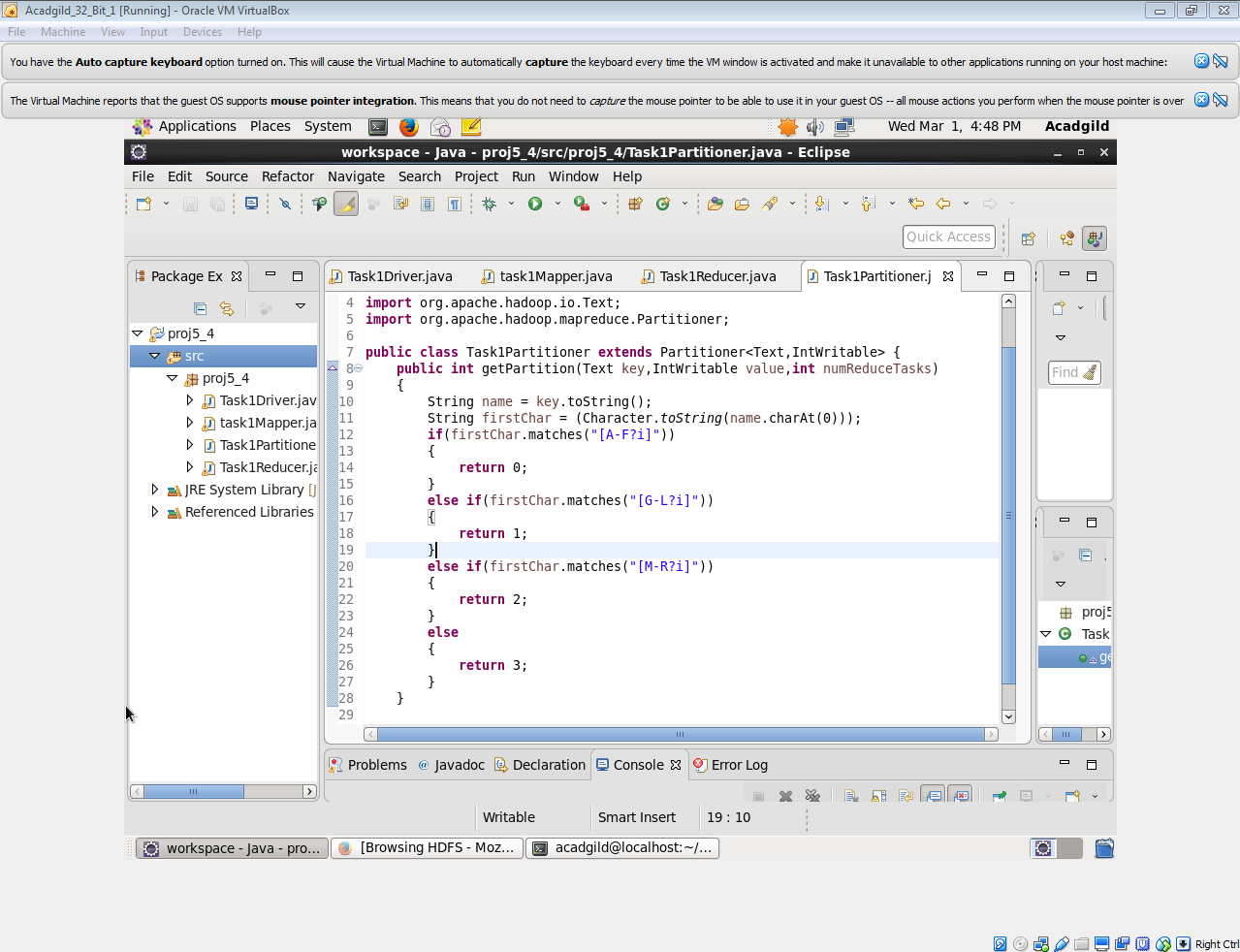
**Mapper**

****

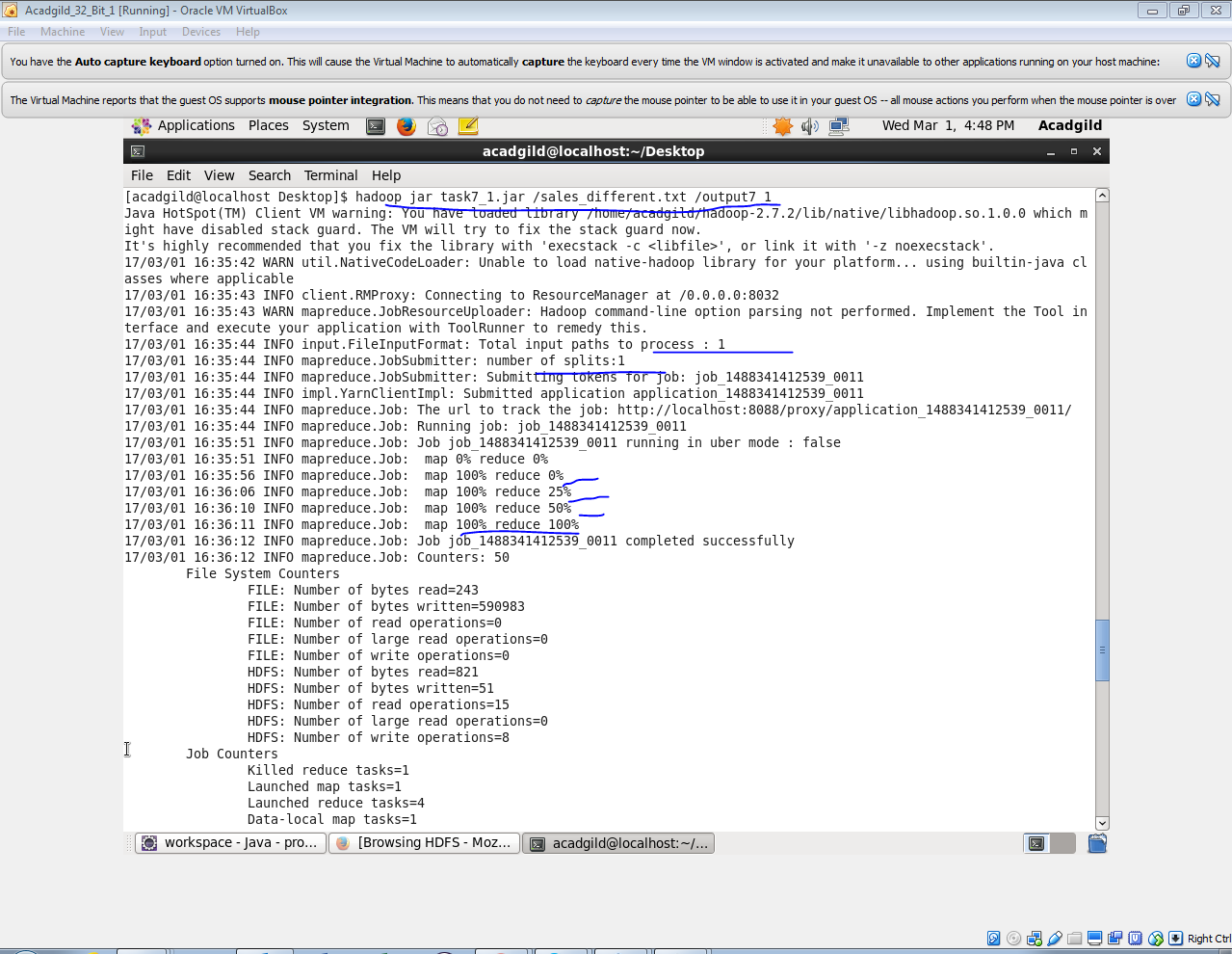
**Reducer**

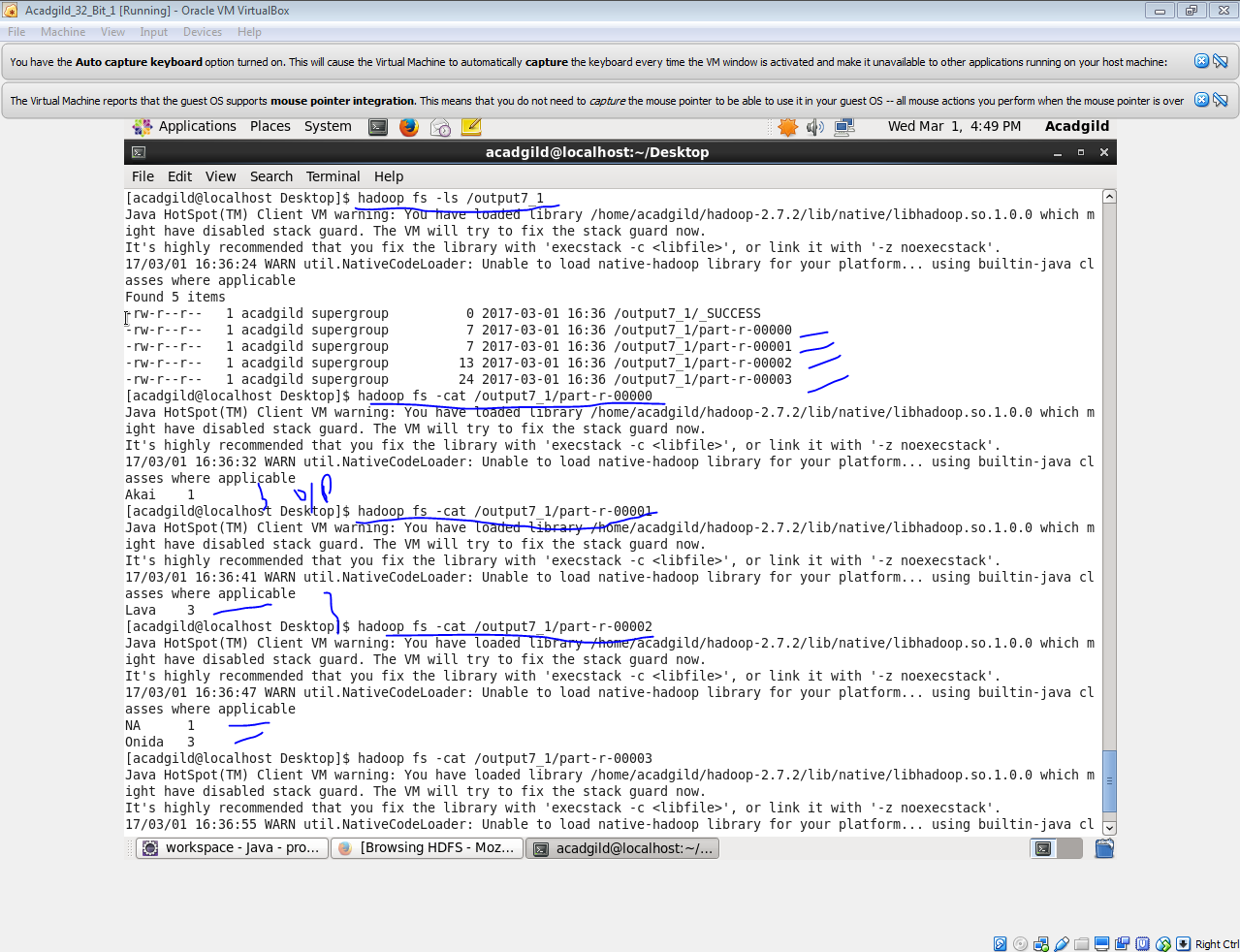
****

**Partitioner**

****

**Output**

****

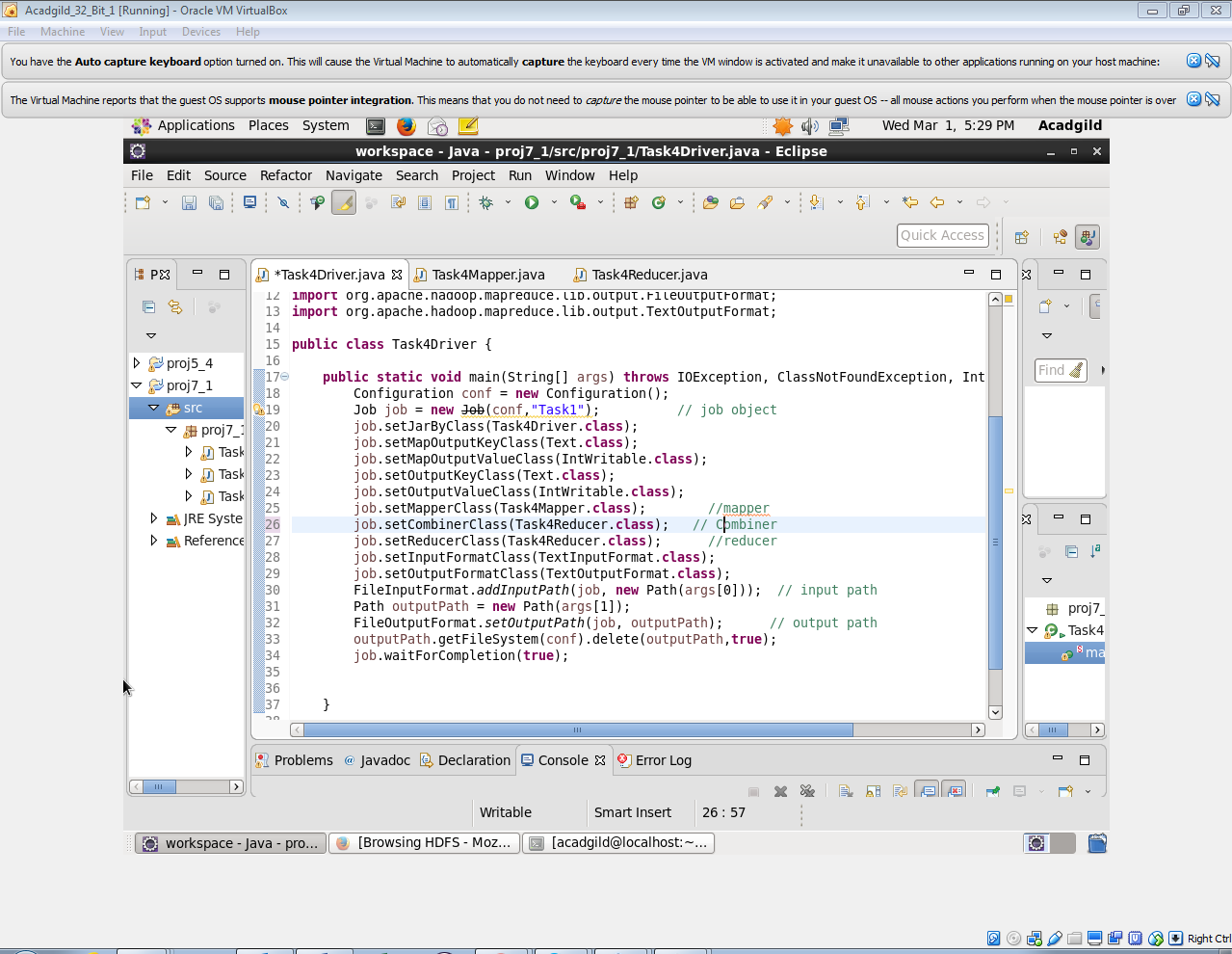
****

****

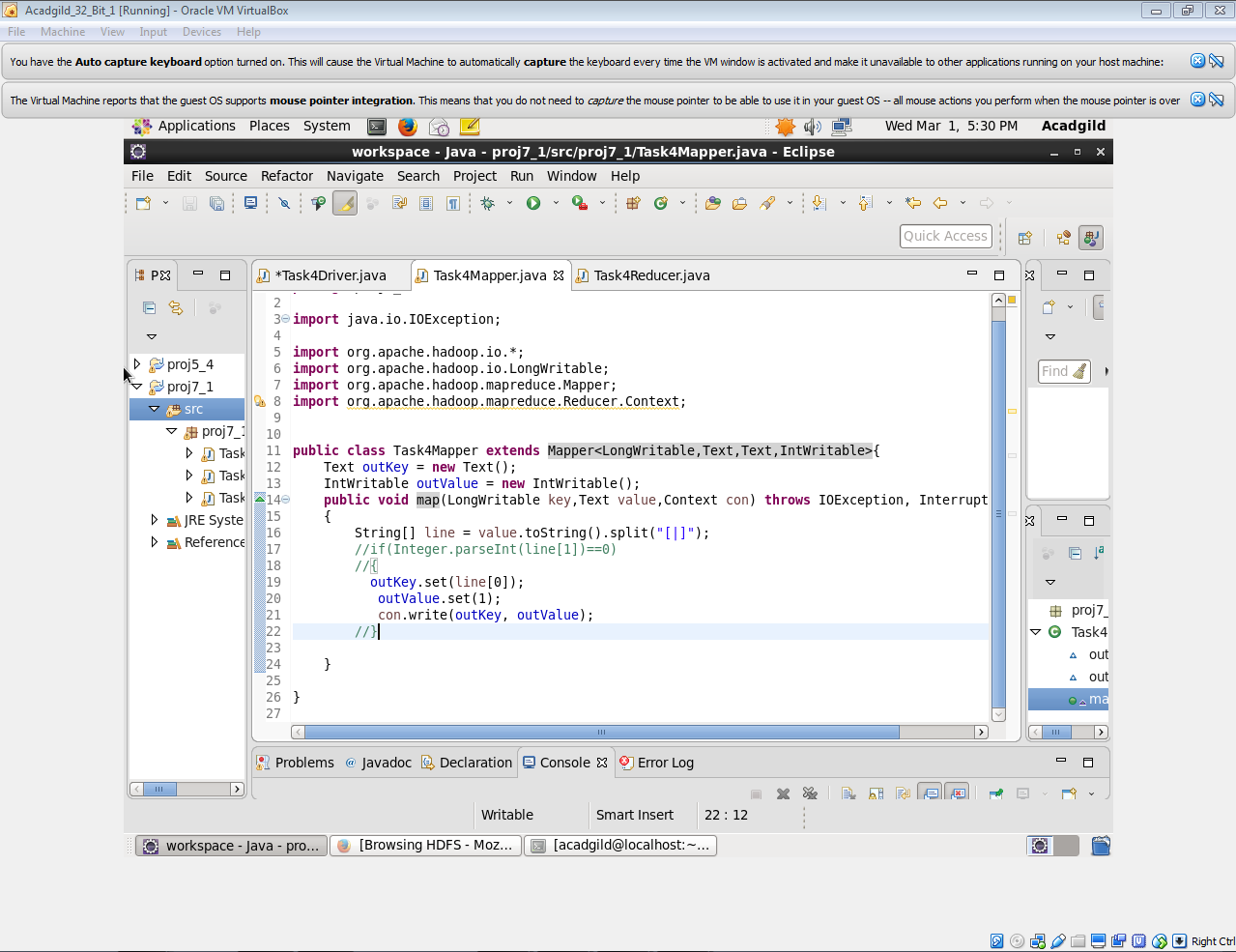
**Task 5 :**

**Code**

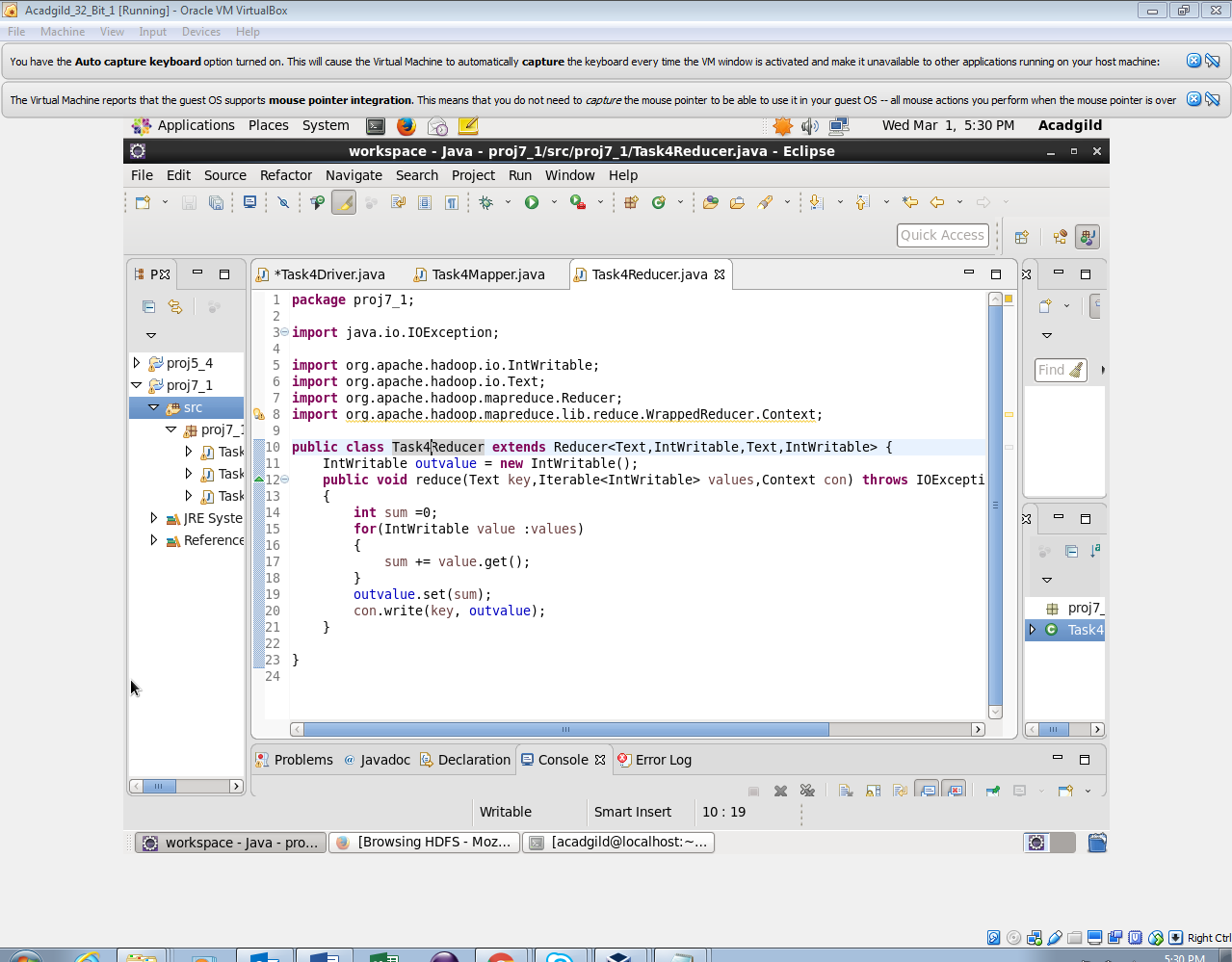
**Driver**

****

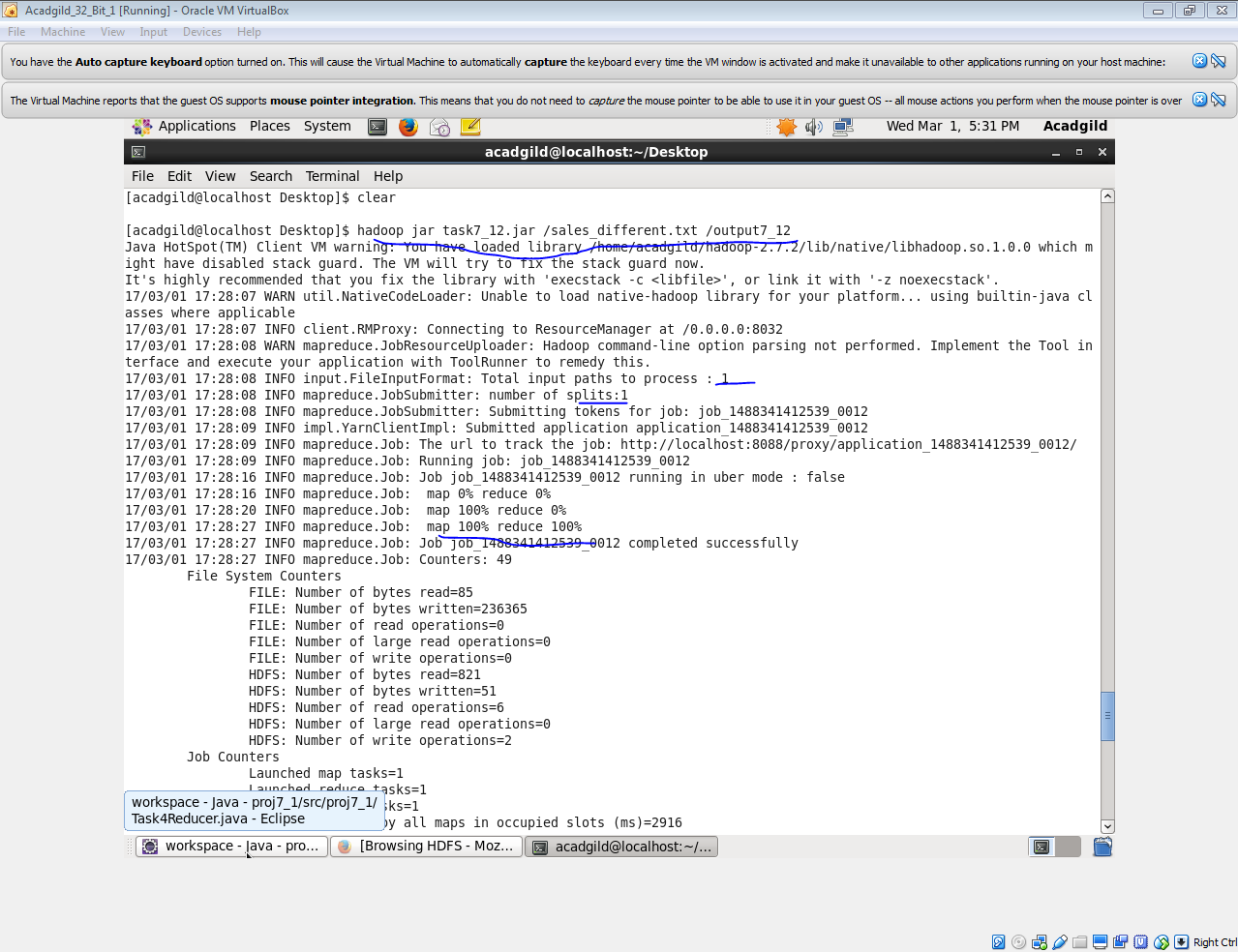
**Mapper**

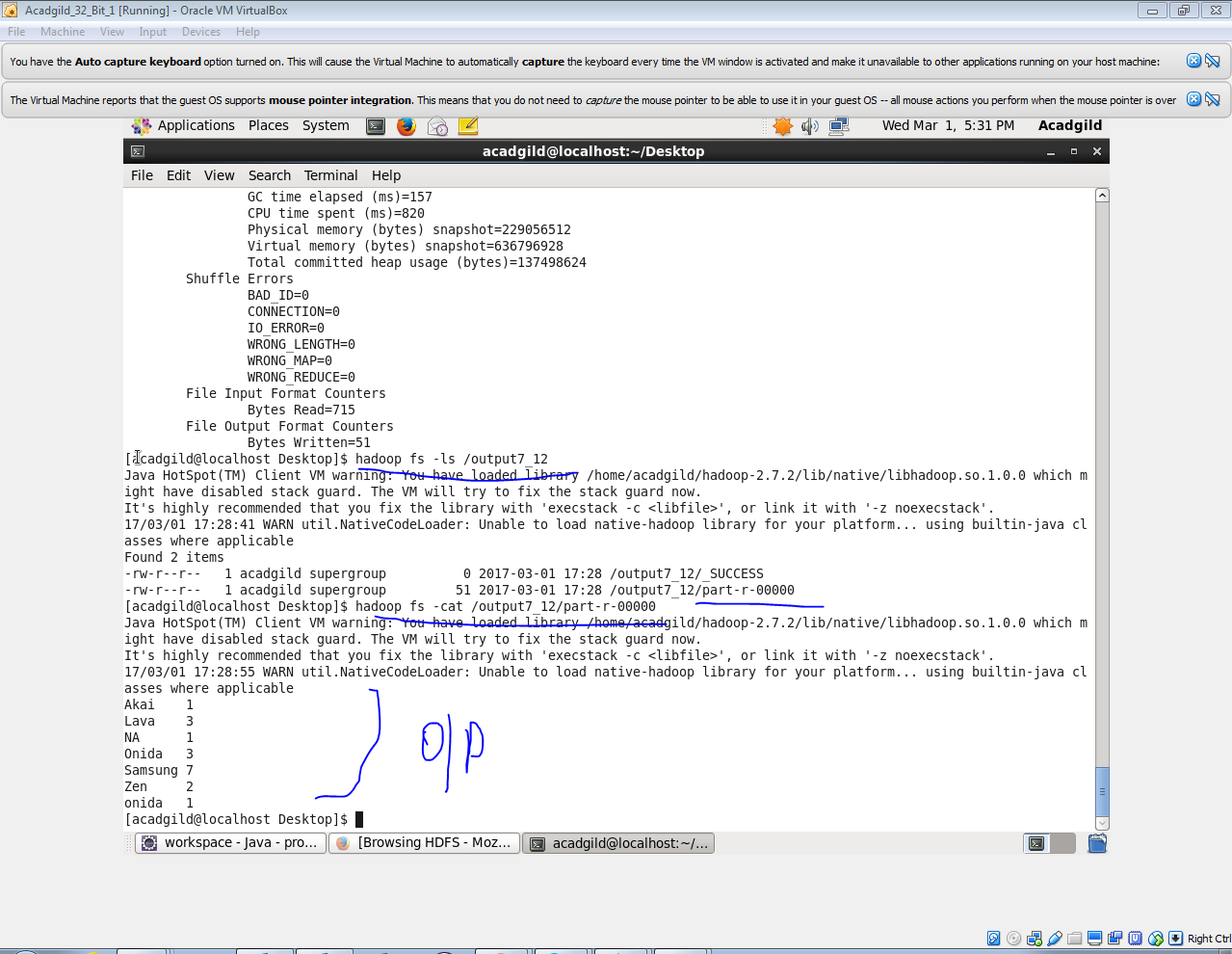
****

**Reducer**

****

**Output**

****

****