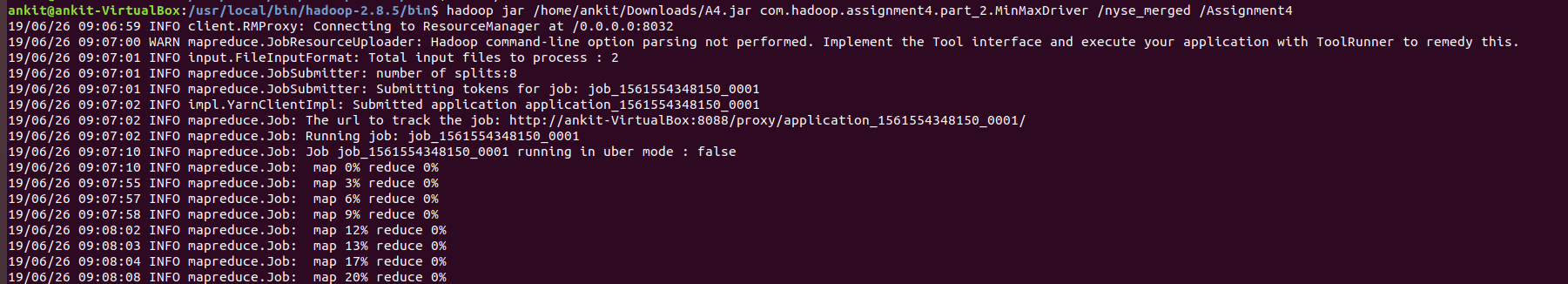
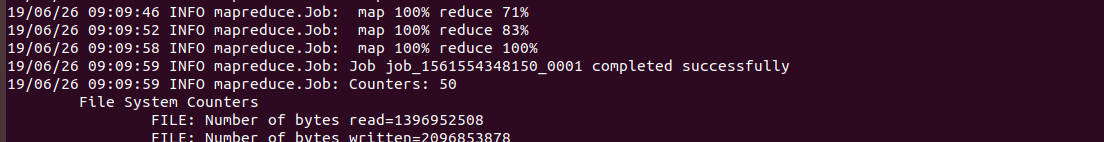
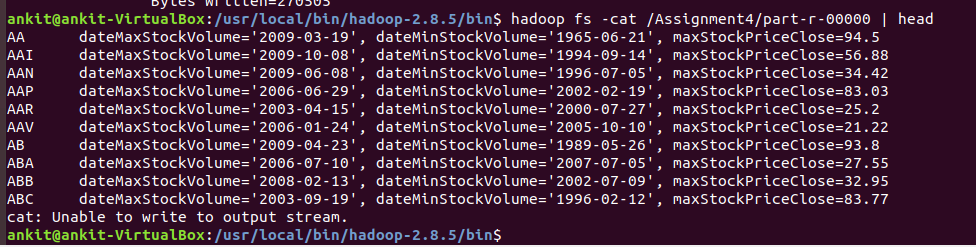
**Assignment 4**

**Part 2**

**Code in Package- com.hadoop.assignment4.part\_2**

**Output Screenshot--**

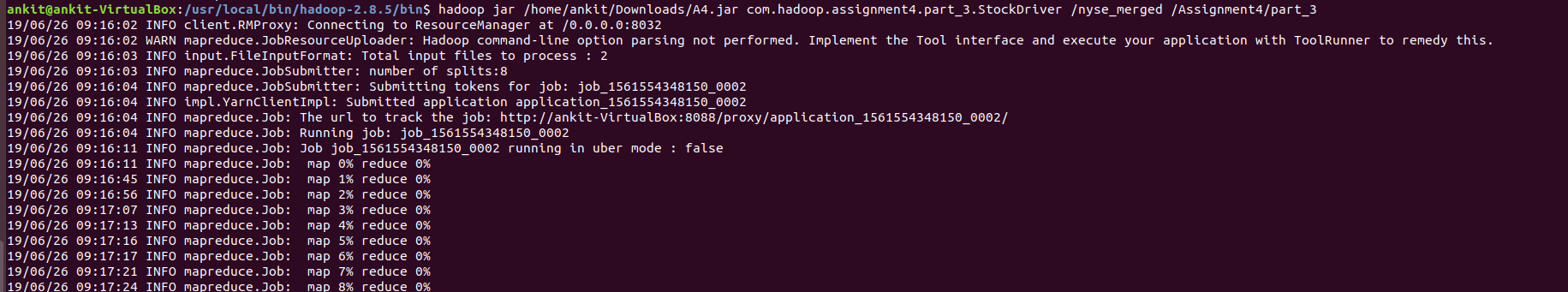


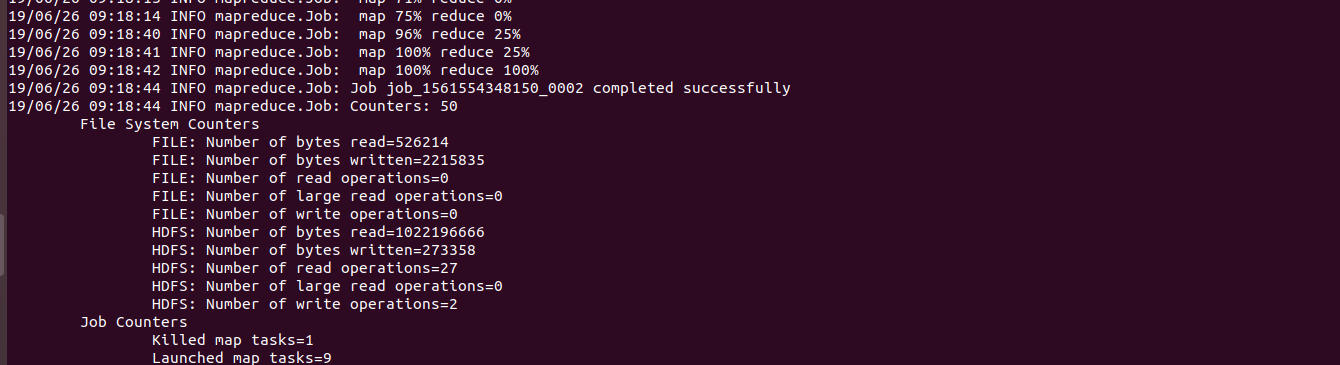
**Part 3**

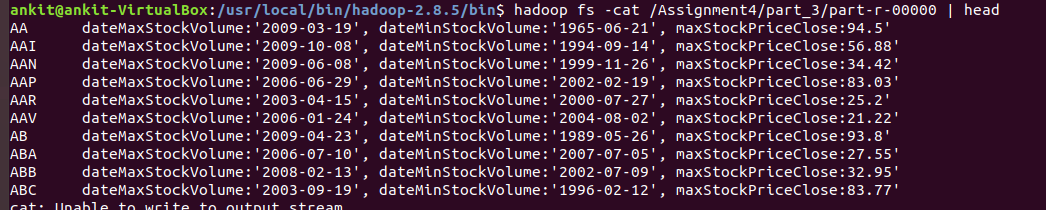
**Code in Package- com.hadoop.assignment4.part\_3**

The running time of this part was much more than running time of part\_2.

**Output Screenshot--**



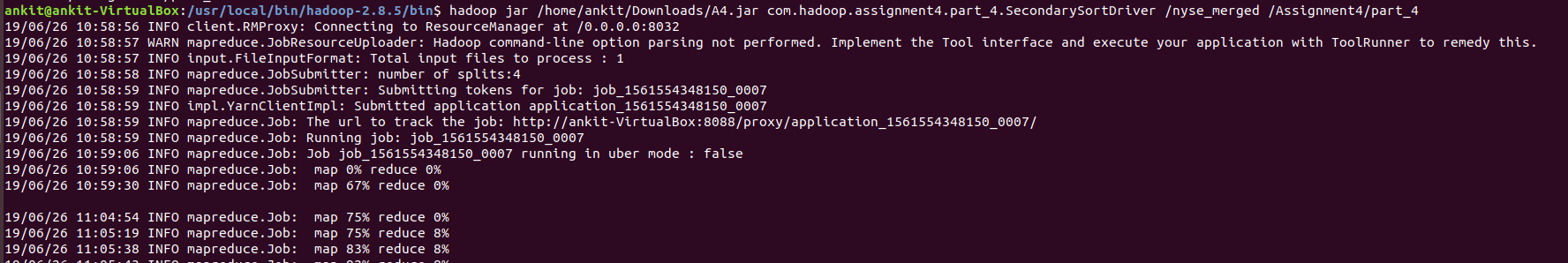


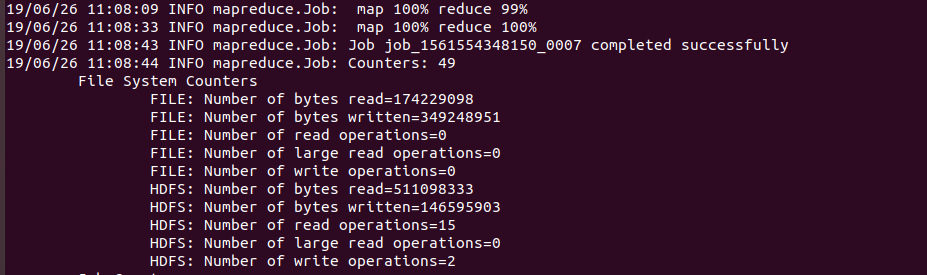


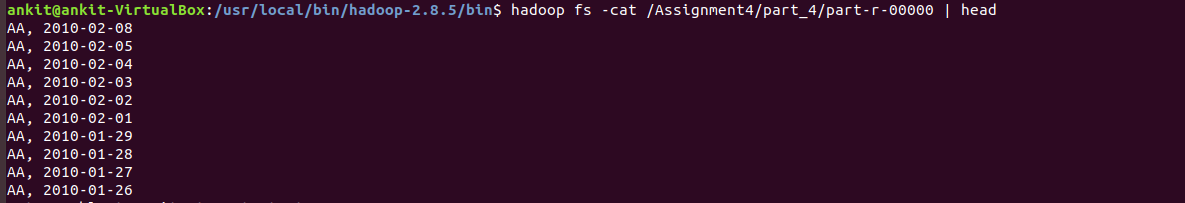
**Part 4**

**Code in Package- com.hadoop.assignment4.part\_4**

**Output Screenshot--**



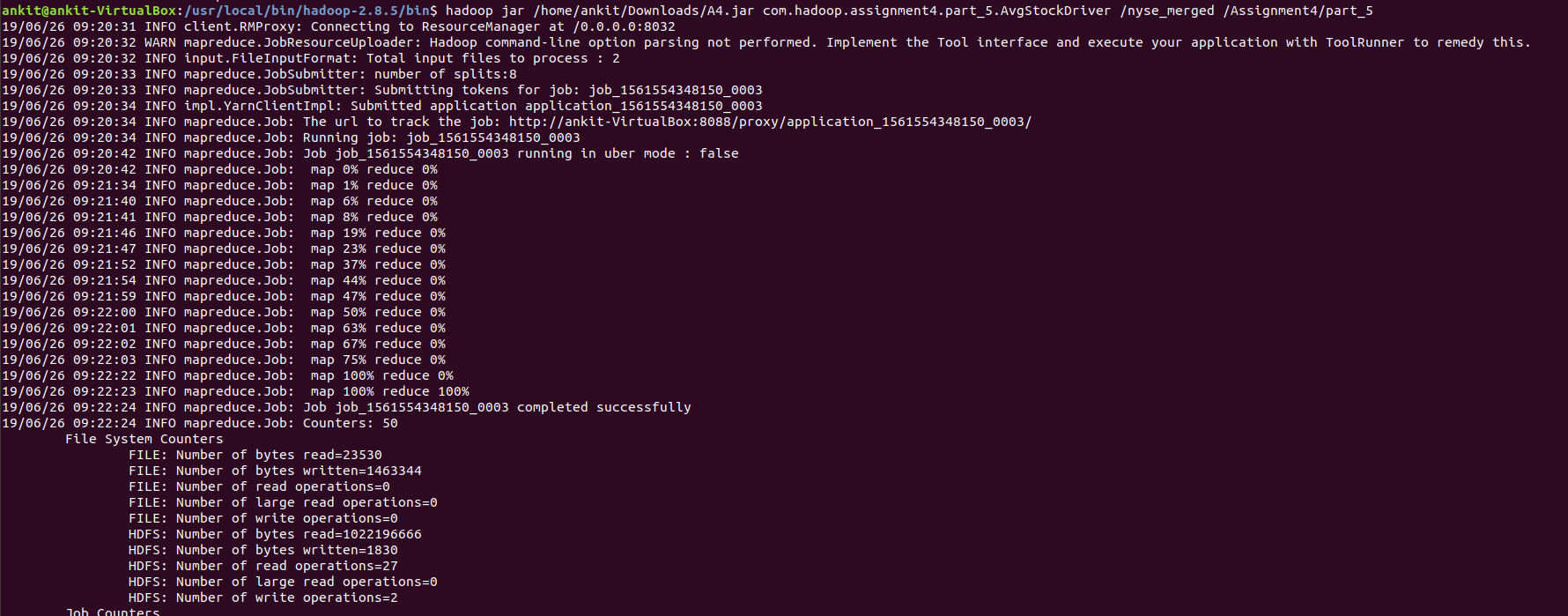


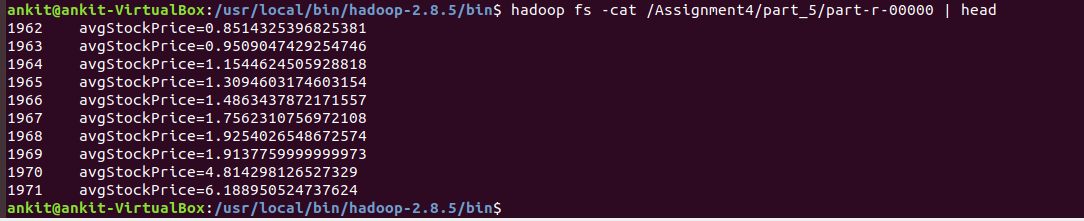


**Part 5**

**Code in Package- com.hadoop.assignment4.part\_5**

**Output Screenshot:**

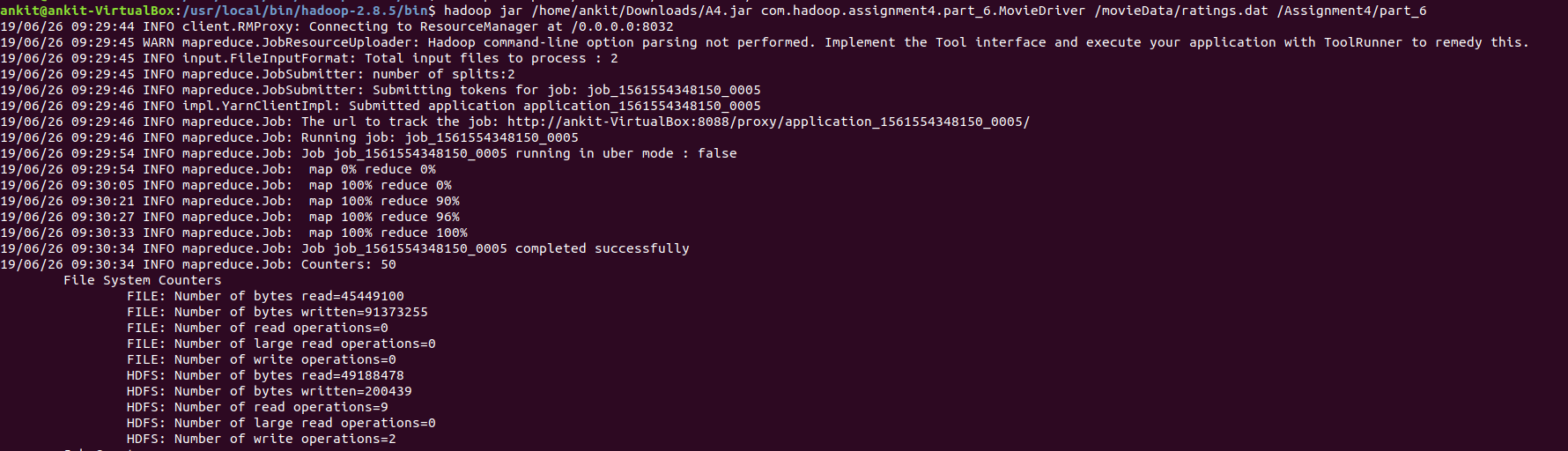


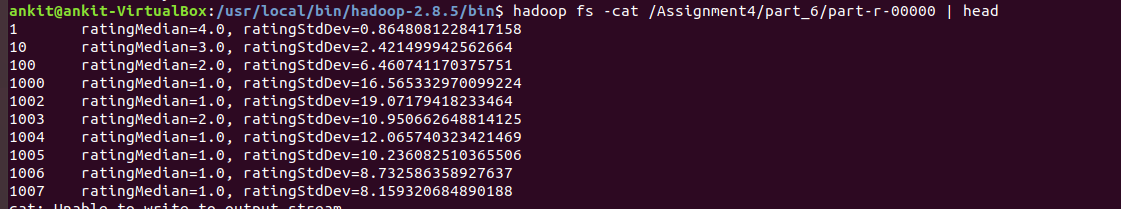


**Part 6**

**Code in Package- com.hadoop.assignment4.part\_6**

**Output Screenshot:**





**Part 7**

**Code in Package- com.hadoop.assignment4.part\_7**

**Output Screenshot:**

