1. The server ping the different compute nodes to check how many are alive

2. Execution of map jobs

3. Redundant jobs are aborted in mapper
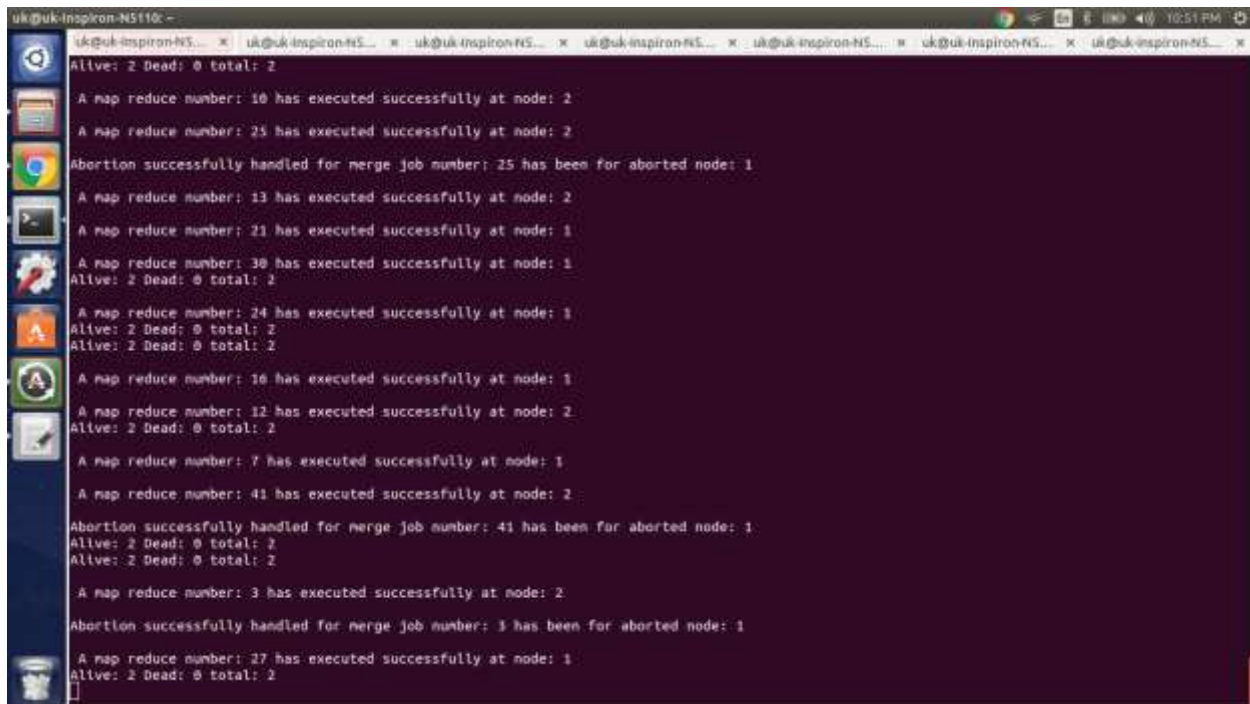
4. Task executed sucessfully
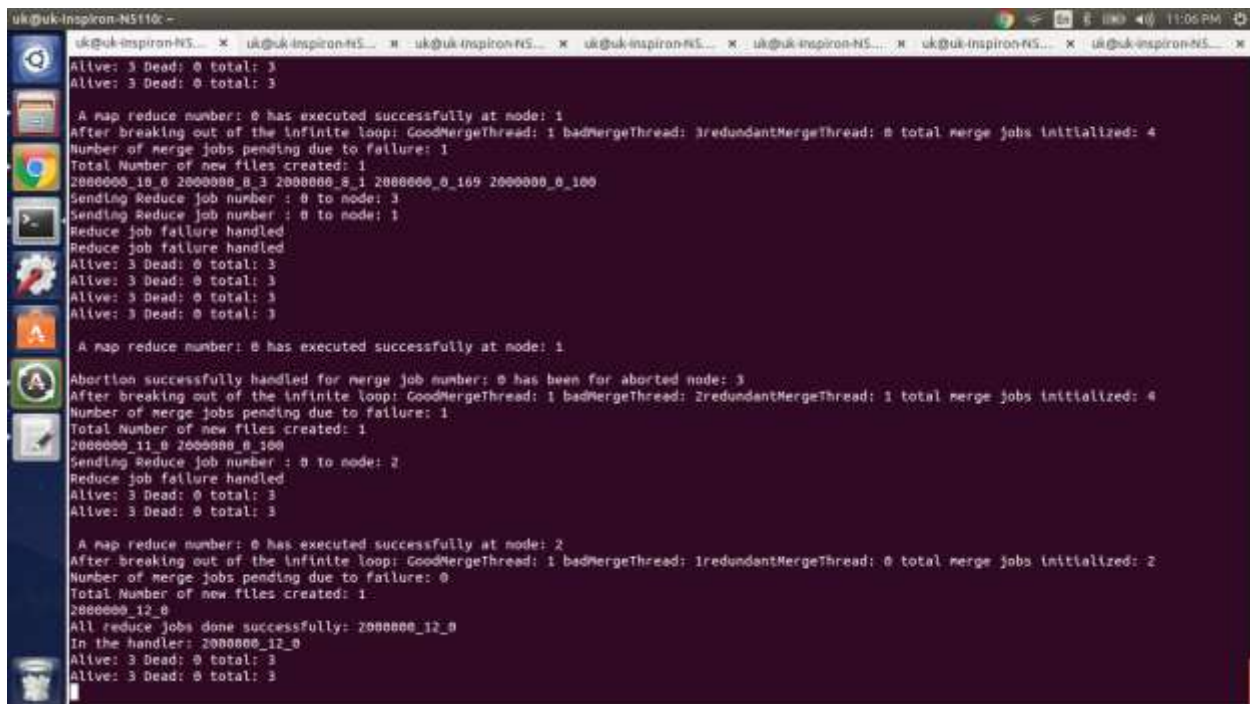
5. For the largest file :

6. Killing all nodes by ctrl + c

7. Statistics showing completed jobs, redundant jobs, pending job

8. Map Phase

9.No Node in system


```
kajar001@csel-x32-06:~/PA3P$ java -cp .:../jars/libthrift-0.9.3.jar:../jars/slf4j-api-1.7.14.jar:gen-java Client 50000 4 2000000
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
Processed File: No Nodes In The System
kajar001@csel-x32-06:~/PA3P$
```

10. Reduce Phase


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```

## 11. Number of redundant Node is greater than number of Nodes

12. Statistics of all Nodes on system as well as the server: