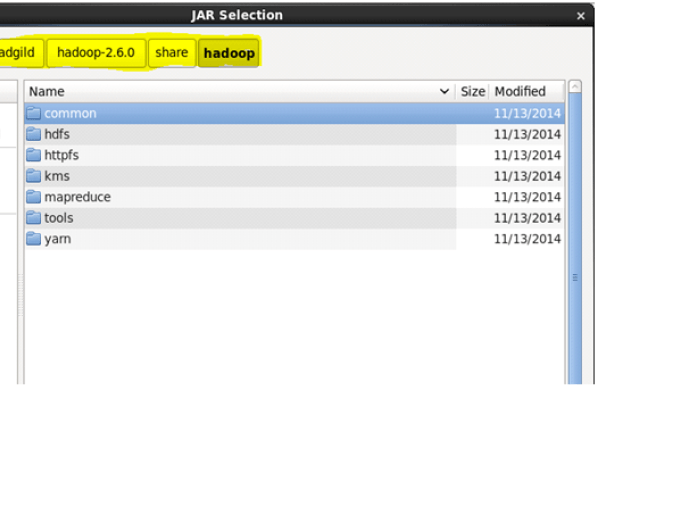
Perform wordcount operation in local mode

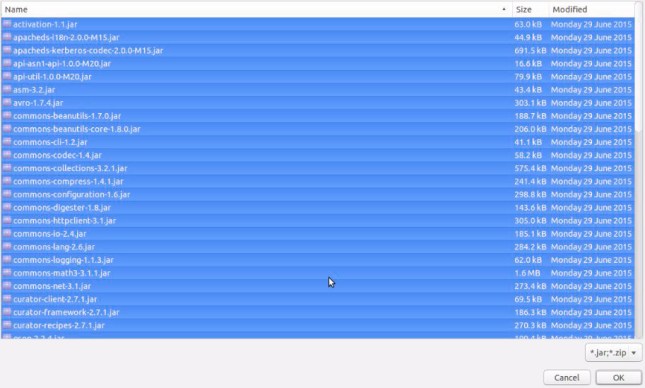
Local Mode :It means the map reduce task is done in your local system rather than in Hadoop cluster.It may be required as running even a small wordcount program consumes 128MB which may cause under utilization of Hadoop memory

To avoid this we may run the code in local Mode

**Execution Steps To run In local Mode**

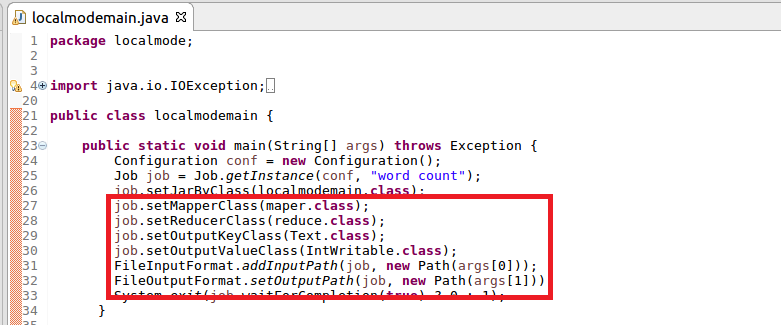
**Step1:Add External Jar core-1.2.1 which contains all the dependencies required for running a Hadoop in local machine and all jars in Lib folder of common to your buid path of project**



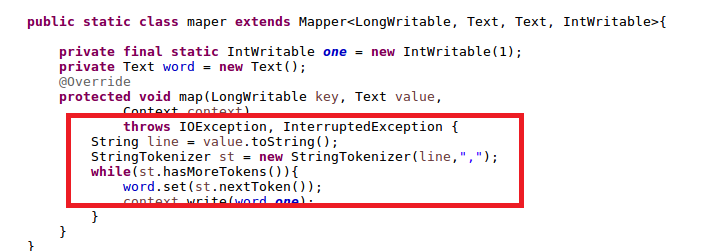


**Step 2: writer Mapper,Reducer and Driver class**

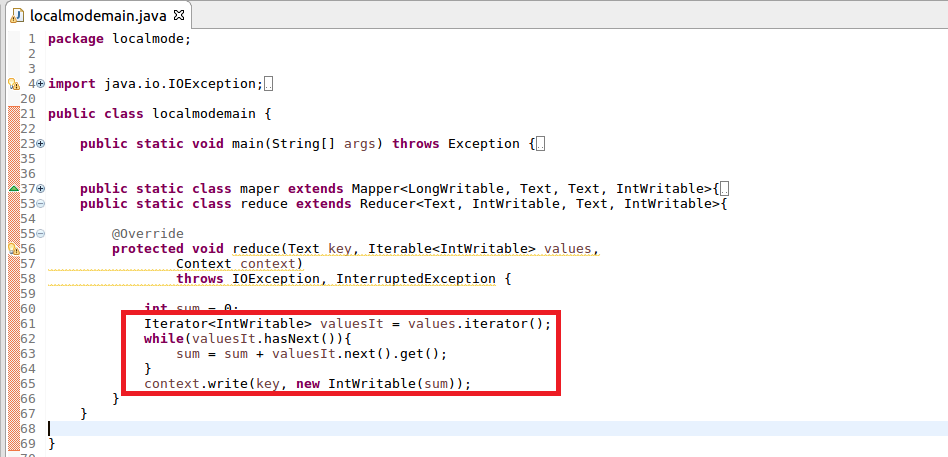
Driver:local mode main



Mapper:Splitting the value by comma and sending word as key and a count of 1 as value

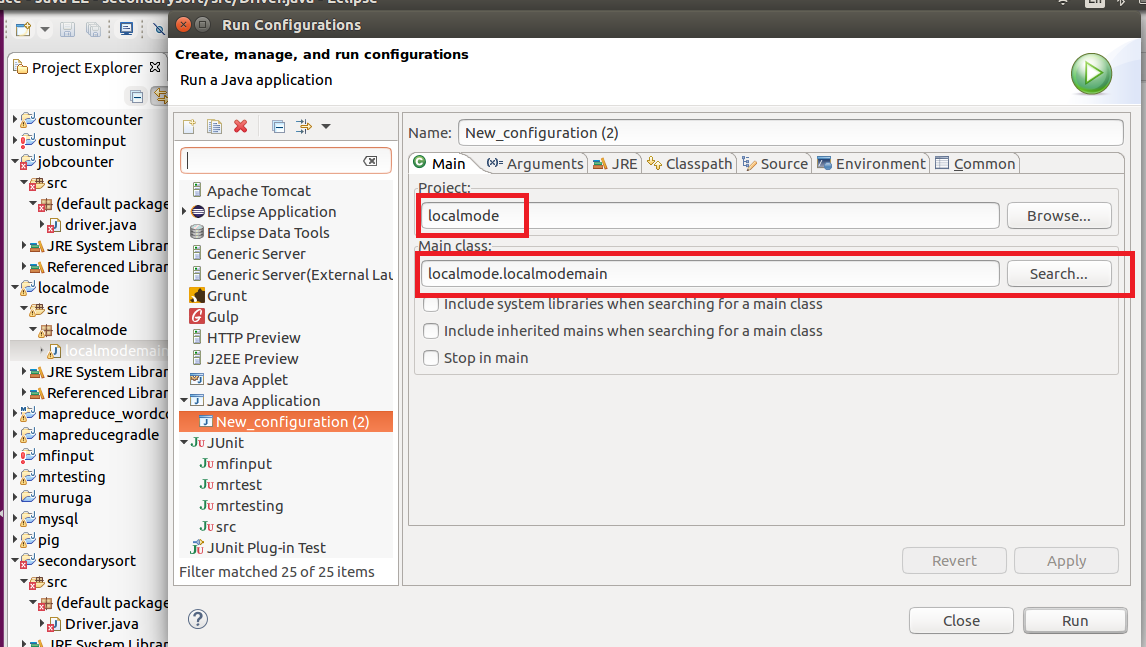


Reducer: adding the occurrence of each word and a total count is made

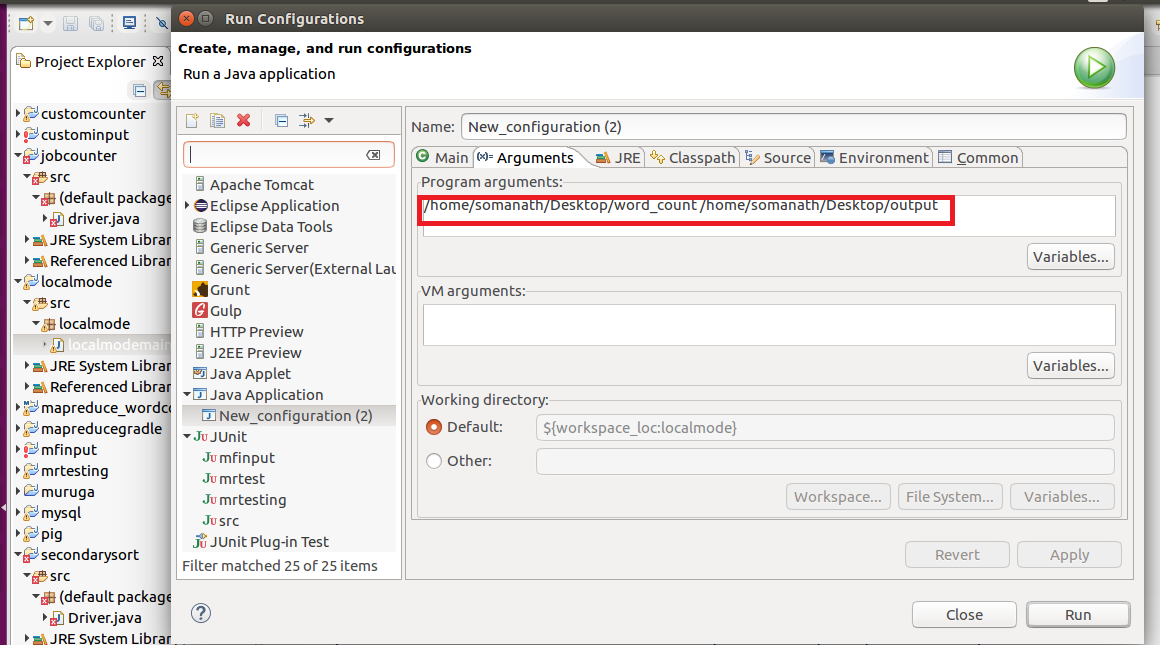


**Step3:To run in local mode right click project select run as🡪 run configuration🡪main**

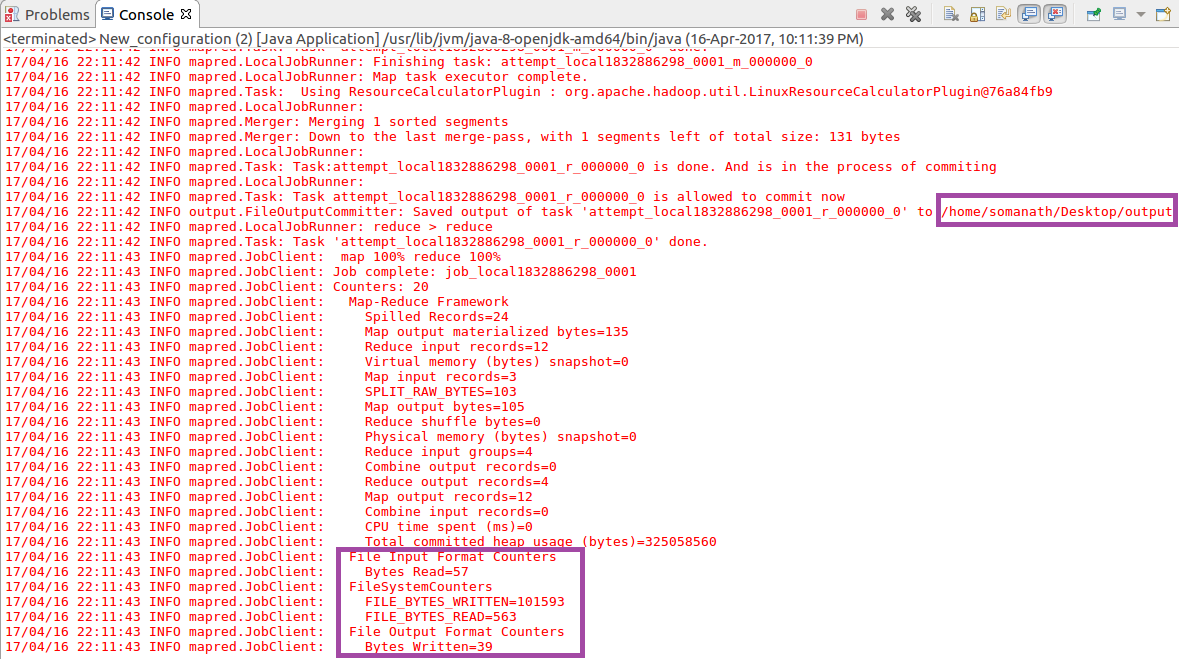
**and select the project and corresponding main class of the project that you want to run**

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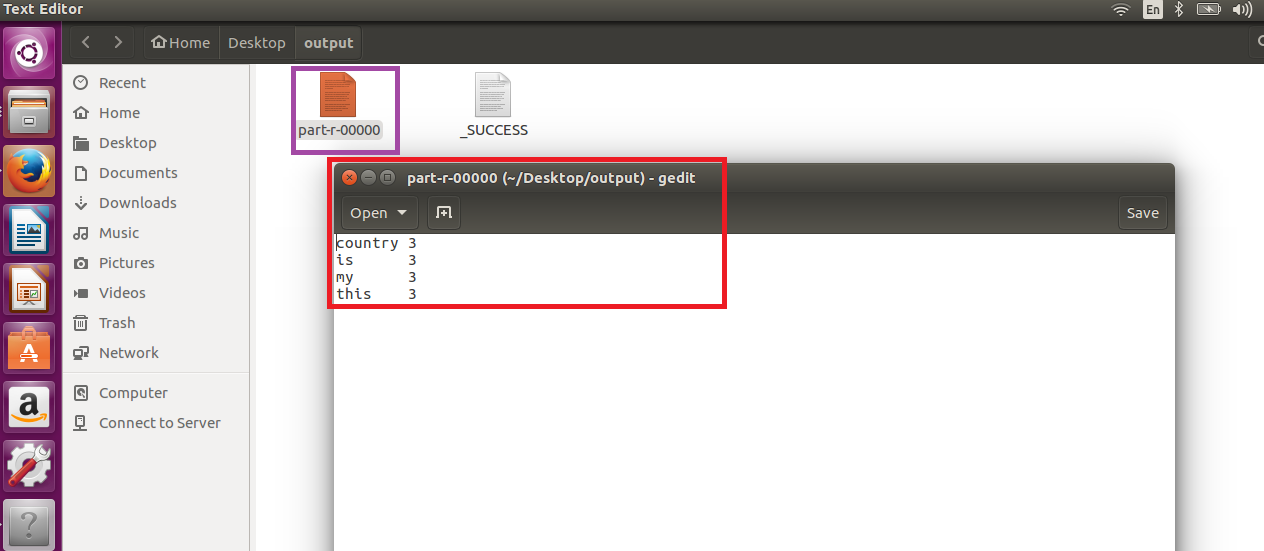
**Step4:give Input and Output Path in Argument tab and click run**

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**Output:Mapreduce runs in the console and output gets saved in output path as highlighted in image**

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**INFERENCE :Output file is stored in specified directory and the contents is displayed in Gedit**

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