**Practical 5**

**Aim: Matrix Multiplication Application using Python and MapReduce**

**What is MapReduce ?**

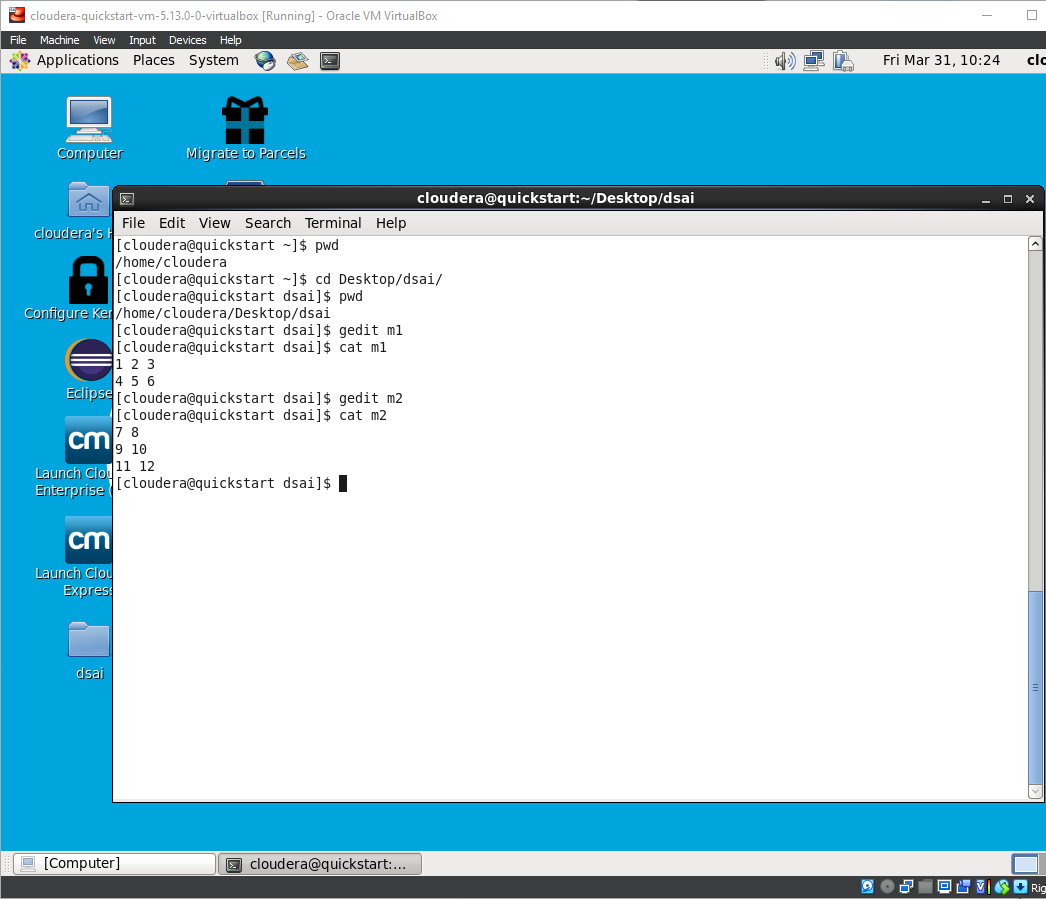
A MapReduce is a data processing tool which is used to process the data parallely in a

distributed form. It was developed in 2004, on the basis of paper titled as "MapReduce:

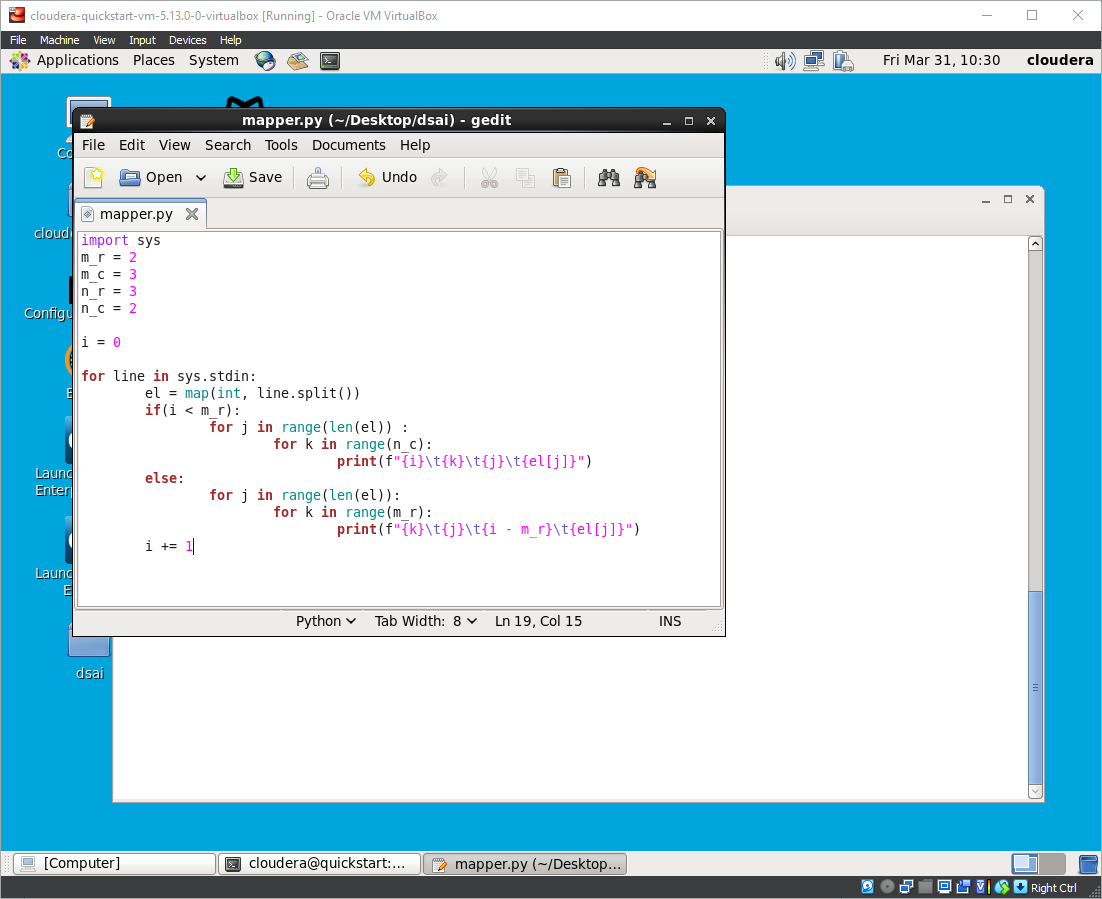
Simplified Data Processing on Large Clusters," published by Google.

**Steps:**

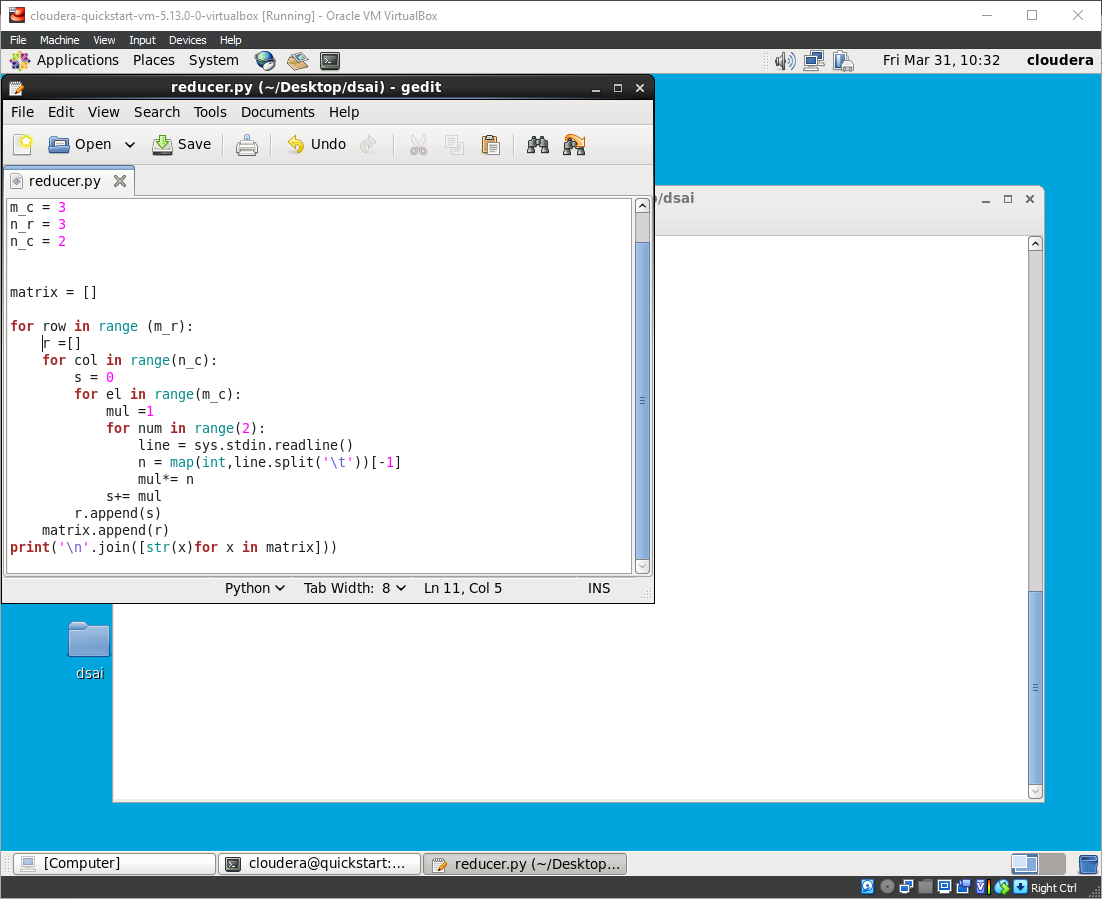
1. Open terminal > Create two text files of matrix m1 and m2

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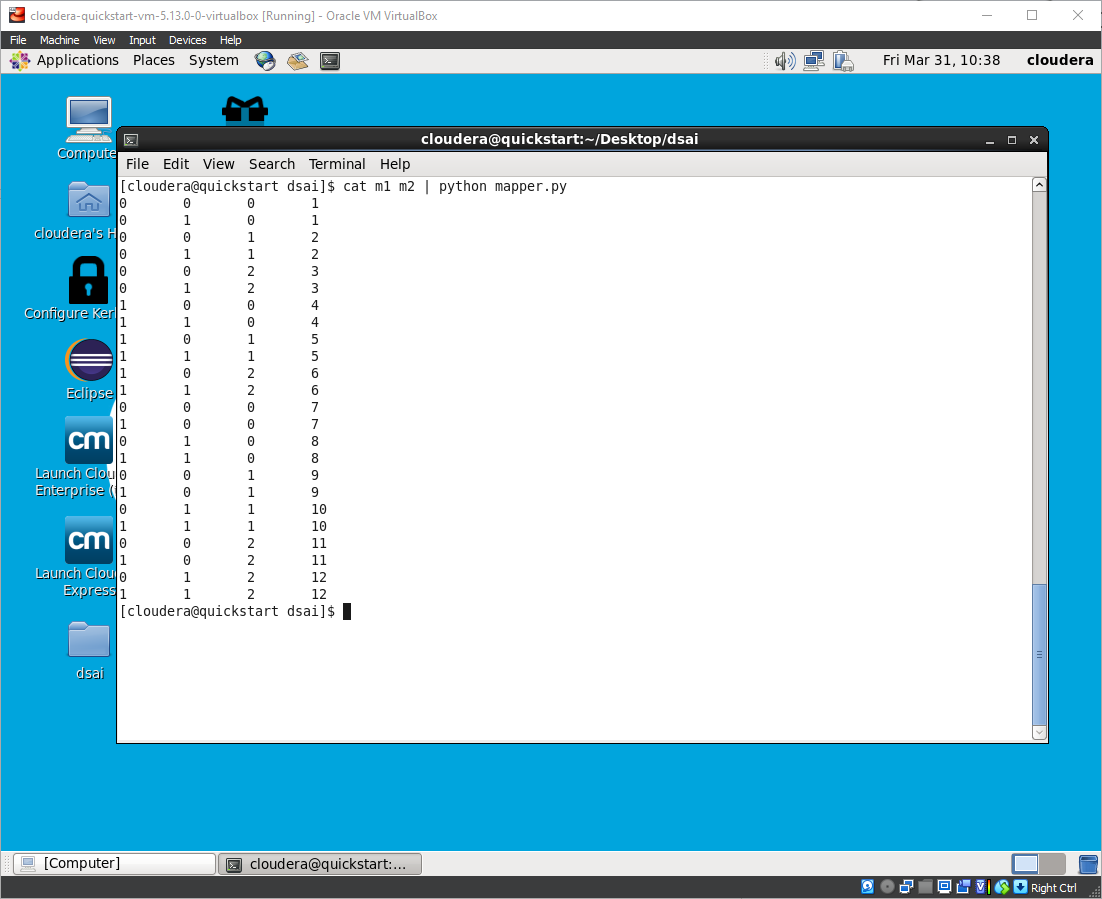
1. Create Mapper file mapper.py

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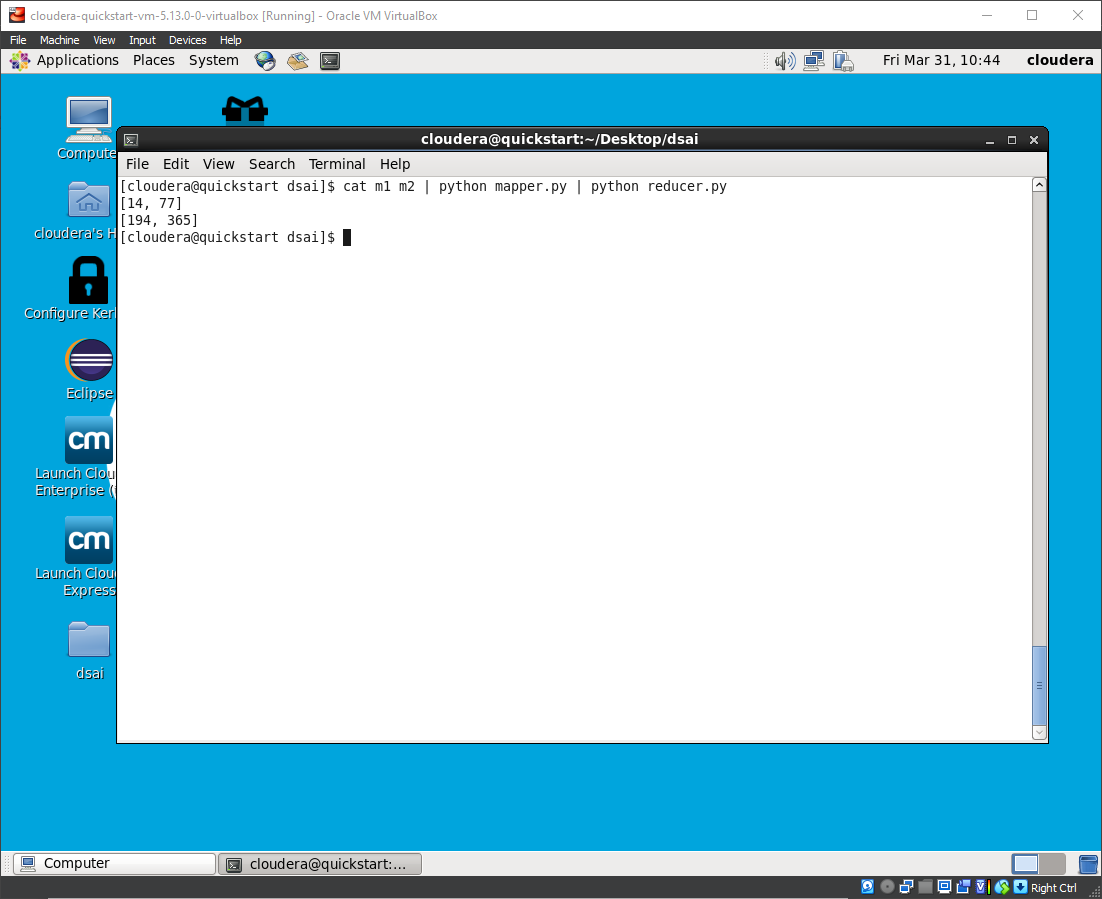
1. Create Reducer file reducer.py

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1. Running mapper.py

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1. To get matrix multiplication run the following command

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