CS5542 Big Data Apps and Analytics

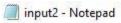
LAB ASSIGNMENT #2

Report

I have used several transformations and actions in the program. These actions and transformations are used to generate output files. These output files are outputs generated from multiple actions and transformations. The object/class **sparkAT** is created and in this the program using several actions and transformations is written. Here, three text files are used as inputs and are combined using **union**.

INPUTS:

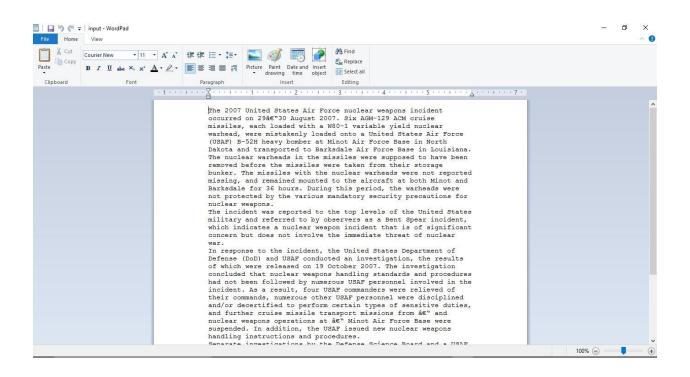




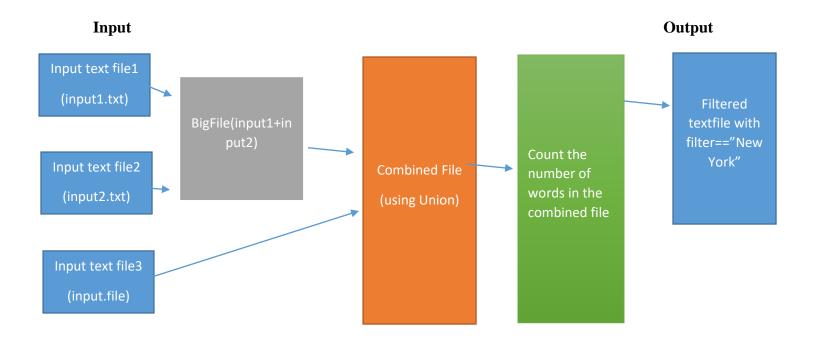
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The Diagram of the transformations and actions of the program:



The output of this particular is saved as text file output.txt, the output files are also provided.

Transformations:

Union()

Distinct()

Intersection()

Filter()

Flatmap()

Actions:

Reduce()

Count()

saveAsTextFile()

collect()