Python Matrix Multiplication MapReduce Homework

Mapper Input:
[matrix, i, j, value]
(i) Assume that both matrices are 5x5.
(ii) The value is 0 if the row and column do *not* appear.

- ["a", 0, 0, 63]
- ...
- ["b", 0, 0, 63]
- ...

Reducer Output:
[i, j, value]

- [0, 0, 11878]

>> python **multiply.py** matrix.json

NOTE:
Make a **folder** named your student id. Store **[execution_file]**.py & a **report** about what you learned, outputs, and command line you executed to the folder. Zip the folder (named your student id with the assignment number like *assignment[1-9]-2012104087.zip*).
Upload it to the KLAS

Plagiarism:
Your python file will be checked by each other students' file to prevent 'plagiarism'. FYI, a professor has complete codes that people submitted before. If you copy and look at the other python file, you will get the lowest grade.

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This material was provided by Prof. Bill Howe at University of Washington for his Coursera course "Introduction to Data Science.". Prof. Hae Joon Lee in Kyung-Hee University got permision to use this assignment for our course "Big Data Programming".