Extra Assignment: Yue, Shenghua

perform join in spark without built-in spark join method

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In [1]: import pyspark
```

read input data

split the record

construct (key, value) pairs

groupby key to get (key, iterable tuples)

self-defined join function

use join function to map the RDD, followed by filter none value result and finally using flatMap to convert to unnest the value