

Report

2019102171 박다솔

1. 배운 점

mapper는 값을 추출하고 reducer은 같은 값을 모으고 중복을 제거한다.

sys.argv는 command line argument를 뜻하며 sys.argv[0]은 join.py를, sys.argv[1]은 record.json을 가리킨다.

2. Output

```
PS C:\Users\parks\Desktop\bigdata\lecture\2022-02-BIG-DATA\practice\0923\codes> python join.py records.json
["order", "1", "36901", "0", "173665.47", "1996-01-02", "5-LOW", "Clerk#000000951", "0", "nstructions sleep furiously among ", "line_item", "1", "155190", "7706", "1", "17", "21
168.23", "0.04", "0.02", "N", "0", "1996-03-13", "1996-02-12", "1996-03-22", "DELIVER IN PERSON", "TRUCK", "egular courts above the", "line_item", "1", "67310", "7311", "2", "36
", "45983.16", "0.09", "0.06", "N", "0", "1996-04-12", "1996-02-28", "1996-04-20", "TAKE BACK RETURN", "MAIL", "ly final dependencies: slyly bold ", "line_item", "1", "63700", "
3701", "3", "8", "13309.60", "0.10", "0.02", "N", "0", "1996-01-29", "1996-03-05", "1996-01-31", "TAKE BACK RETURN", "REG AIR", "riously, regular, express dep", "line_item", "1"
, "2132", "4633", "4", "28", "28955.64", "0.09", "0.06", "N", "0", "1996-04-21", "1996-03-30", "1996-05-16", "NONE", "AIR", "lites. fluffily even de", "line_item", "1", "24027",
, "1534", "5", "24", "22824.48", "0.10", "0.04", "N", "0", "1996-03-30", "1996-03-14", "1996-04-01", "NONE", "FOB", " pending foxes. slyly re", "line_item", "1", "15635", "638",
"6", "32", "49620.16", "0.07", "0.02", "N", "0", "1996-01-30", "1996-02-07", "1996-02-03", "DELIVER IN PERSON", "MAIL", "arefully slyly ex"]
["order", "2", "78002", "0", "46929.18", "1996-12-01", "1-URGENT", "Clerk#000000880", "0", " foxes. pending accounts at the pending, silent asymptot", "line_item", "2", "106170"
, "1191", "1", "38", "44694.46", "0.00", "0.05", "N", "0", "1997-01-28", "1997-01-14", "1997-02-02", "TAKE BACK RETURN", "RAIL", "ven requests. deposits breach a"]
["order", "3", "123314", "F", "193846.25", "1993-10-14", "5-LOW", "Clerk#000000955", "0", "sly final accounts boost. carefully regular ideas cajole carefully. depos", "line_item
", "3", "4297", "1798", "1", "45", "54058.05", "0.06", "0.00", "R", "F", "1994-02-02", "1994-01-04", "1994-02-23", "NONE", "AIR", "ongside of the furiously brave acco", "line_it
em", "3", "19036", "6540", "2", "49", "46796.47", "0.10", "0.00", "R", "F", "1993-11-09", "1993-12-20", "1993-11-24", "TAKE BACK RETURN", "RAIL", " unusual accounts. eve", "line
_item", "3", "128449", "3474", "3", "27", "39890.88", "0.06", "0.07", "A", "F", "1994-01-16", "1993-11-22", "1994-01-23", "DELIVER IN PERSON", "SHIP", "nal foxes wake. ", "line_
item", "3", "29380", "1883", "4", "2", "2618.76", "0.01", "0.06", "A", "F", "1993-12-04", "1994-01-07", "1994-01-01", "NONE", "TRUCK", "y. fluffily pending d", "line_item", "3",
, "183095", "650", "5", "28", "32986.52", "0.04", "0.00", "R", "F", "1993-12-14", "1994-01-10", "1994-01-01", "TAKE BACK RETURN", "FOB", "ages nag slyly pending", "line_item", "3
", "62143", "9662", "6", "26", "28733.64", "0.10", "0.02", "A", "F", "1993-10-29", "1993-12-18", "1993-11-04", "TAKE BACK RETURN", "RAIL", "ges sleep after the caref"]
["order", "4", "136777", "0", "32151.78", "1995-10-11", "5-LOW", "Clerk#000000124", "0", "sits. slyly regular warthogs cajole. regular, regular theodolites acro", "line_item", "
4", "88035", "5560", "1", "30", "30690.90", "0.03", "0.08", "N", "0", "1996-01-10", "1995-12-14", "1996-01-18", "DELIVER IN PERSON", "REG AIR", "- quickly regular packages sleep
. idly"]
["order", "5", "44485", "F", "144659.20", "1994-07-30", "5-LOW", "Clerk#000000925", "0", "quickly. bold deposits sleep slyly. packages use slyly", "line_item", "5", "108570", "8
571", "1", "15", "23678.55", "0.02", "0.04", "R", "F", "1994-10-31", "1994-08-31", "1994-11-20", "NONE", "AIR", "ts wake furiously ", "line_item", "5", "123927", "3928", "2", "2
6", "50723.92", "0.07", "0.08", "R", "F", "1994-10-16", "1994-09-25", "1994-10-19", "NONE", "FOB", "sts use slyly quickly special instruc", "line_item", "5", "37531", "35", "3",
, "50", "73426.50", "0.08", "0.03", "A", "F", "1994-08-08", "1994-10-13", "1994-08-26", "DELIVER IN PERSON", "AIR", "eodolites. fluffily unusual"]
["order", "6", "55624", "F", "58749.59", "1992-02-21", "4-NOT SPECIFIED", "Clerk#000000058", "0", "eggle. special, final requests are against the furiously specia", "line_item",
"6", "139636", "2150", "1", "37", "61998.31", "0.08", "0.03", "A", "F", "1992-04-27", "1992-05-15", "1992-05-02", "TAKE BACK RETURN", "TRUCK", "p furiously special foxes"]
["order", "7", "39136", "0", "252004.18", "1996-01-10", "2-HIGH", "Clerk#000000470", "0", "ly special requests ", "line_item", "7", "182052", "9607", "1", "12", "13608.60", "0.0
7", "0.03", "N", "0", "1996-05-07", "1996-03-13", "1996-06-03", "TAKE BACK RETURN", "FOB", "ss pinto beans wake against th", "line_item", "7", "145243", "7758", "2", "9", "11594
.16", "0.08", "0.08", "N", "0", "1996-02-01", "1996-03-02", "1996-02-19", "TAKE BACK RETURN", "SHIP", "es. instructions", "line_item", "7", "94780", "9799", "3", "46", "81639.88
", "0.10", "0.07", "N", "0", "1996-01-15", "1996-03-27", "1996-02-03", "COLLECT COD", "MAIL", " unusual reques", "line_item", "7", "163073", "3074", "4", "28", "31809.96", "0.03
", "0.04", "N", "0", "1996-03-21", "1996-04-08", "1996-04-20", "NONE", "FOB", ". slyly special requests haggl", "line_item", "7", "151894", "9440", "5", "38", "73943.82", "0.08",
, "0.01", "N", "0", "1996-02-11", "1996-02-24", "1996-02-18", "DELIVER IN PERSON", "TRUCK", "ns haggle carefully ironic deposits. bl", "line_item", "7", "79251", "1759", "6", "3
5", "43058.75", "0.06", "0.03", "N", "0", "1996-01-16", "1996-02-23", "1996-01-22", "TAKE BACK RETURN", "FOB", "jole. excuses wake carefully alongside of ", "line_item", "7", "1
57238", "2269", "7", "5", "6476.15", "0.04", "0.02", "N", "0", "1996-02-10", "1996-03-26", "1996-02-13", "NONE", "FOB", "ithely regula"]
["order", "32", "130057", "0", "208660.75", "1995-07-16", "2-HIGH", "Clerk#000000616", "0", "ise blithely bold, regular requests. quickly unusual dep", "line_item", "32", "82704
", "7721", "1", "28", "47227.60", "0.05", "0.08", "N", "0", "1995-10-23", "1995-08-27", "1995-10-26", "TAKE BACK RETURN", "TRUCK", "sleep quickly. req", "line_item", "32", "1979
21", "441", "2", "32", "64605.44", "0.02", "0.00", "N", "0", "1995-08-14", "1995-10-07", "1995-08-27", "COLLECT COD", "AIR", "lithely regular deposits. fluffily ", "line_item",
"32", "44161", "6666", "3", "2", "2210.32", "0.09", "0.02", "N", "0", "1995-08-07", "1995-10-07", "1995-08-23", "DELIVER IN PERSON", "AIR", " express accounts wake according to
the", "line_item", "32", "2743", "7744", "4", "4", "6582.96", "0.09", "0.03", "N", "0", "1995-08-04", "1995-10-01", "1995-09-03", "NONE", "REG AIR", "e slyly final pac", "line_i
tem", "32", "85811", "8320", "5", "44", "79059.64", "0.05", "0.06", "N", "0", "1995-08-28", "1995-08-20", "1995-09-14", "DELIVER IN PERSON", "AIR", "symptotes nag according to t
he ironic depo", "line_item", "32", "11615", "4117", "6", "6", "9159.66", "0.04", "0.03", "N", "0", "1995-07-21", "1995-09-23", "1995-07-25", "COLLECT COD", "RAIL", " gifts cajo
le carefully."]
```

3. Command line: python join.py records.json