

Extra Credit Lab

- Submit your *own work* on time. No credit will be given if the lab is submitted after the due date.
 - Note that the completed lab should be submitted in .zip format only.
-

**Input dataset for this lab is same as Lab3.
Submit all the java files and output files.**

1. Write a MapReduce java program to produce output as follows:

011990-99999	100	1950
011990-99999	80	1901
011990-99999	70	1930
.....
012650-99999	120	1960
012650-99999	100	2015
.....		

Note that this output is same as input but only arranged in different format as shown above. (No need to find avg or max temperature here!)

In this output, the first column represents the stationID in ascending order, second column represents temperature in descending order and the last column is the year (no order defined for year).

2. Modify the above program so that the output file name will be "StationTempRecord" instead of "part-r-00000".

Remember to provide the command to run the above program in pseudo-distributed mode and paste screenshots wherever applicable.