

Lab 23

State Employee Pay Analyzer

Objective:

Write a program that analyzes a spread sheet of state employee information. This program is looking for employees who work for the University of South Carolina and makes \$250,000 or more per year according to their total income.

- First download the [driver](#) file and the [salary file](#). This time you will be adding code in methods specified.
- Fill in the following methods
 - `analyzeEmployeeFile`: This method which takes in a string that corresponds to the file name, opens the file, and then finds the people who work at USC and make in total \$250,000 or more per year. The first line in the file should be ignored as that is just header information. The following lines have facts about the state employee which follows this protocol:
`<<Agency>>\t<<Last Name>>\t<<First Name>>\t<<Middle Name>>\t<<Job Title>>\t<<Base salary>>\t<<Bonus>>\t<<Total Income>>\n`
Each time a person is found that works at USC and makes over \$250,000 this information should be printed to console and to a file. HINT: Store this information and print it to the file all at once at the end.
 - `printToSalaryFile`: This method which is assumed to be called by `analyzeEmployeeFile`, prints out the information discovered by that method.

Example Dialog:

Let's see how many state employees make over \$250,000 and work at USC.

UNIVERSITY OF SOUTH CAROLINA	HOKE	JONATHAN	ATHLETICS COACH	400000	0	400000
UNIVERSITY OF SOUTH CAROLINA	WARD	LORENZO	ATHLETICS COACH	400000	0	400000
UNIVERSITY OF SOUTH CAROLINA	MORAD	MARTIN	PROFESSOR	392609	0	392609
UNIVERSITY OF SOUTH CAROLINA	TANNER	D.	ATHLETICS DIRECTOR	375000	0	525000
UNIVERSITY OF SOUTH CAROLINA	STALEY	DAWN	ATHLETICS COACH	357000	0	357000
UNIVERSITY OF SOUTH CAROLINA	SPURRIER	STEPHEN	ATHLETICS COACH	350000	0	350000
UNIVERSITY OF SOUTH CAROLINA	WALTON	EDWARD	SENIOR VICE PRESIDENT	327902	0	327902
UNIVERSITY OF SOUTH CAROLINA	SPURRIER JR.	STEPHEN	ATHLETICS COACH	325000	0	325000
UNIVERSITY OF SOUTH CAROLINA	ELLIOTT	SHAWN	ATHLETICS COACH	325000	0	325000
UNIVERSITY OF SOUTH CAROLINA	YOUKEY	JERRY	DEAN	324640	0	324640
UNIVERSITY OF SOUTH CAROLINA	BOTKIN	KIRK	ATHLETICS COACH	320000	0	320000
UNIVERSITY OF SOUTH CAROLINA	ADAMS	DEMETRIUS	ATHLETICS COACH	320000	0	320000
UNIVERSITY OF SOUTH CAROLINA	HOUC	JANCY	VICE PRESIDENT	306000	0	306000
UNIVERSITY OF SOUTH CAROLINA	MARTIN	FRANCISCO	ATHLETICS COACH	306000	0	306000
UNIVERSITY OF SOUTH CAROLINA	MANGUS	GEORGE	ATHLETICS COACH	300000	0	300000
UNIVERSITY OF SOUTH CAROLINA	ROBINSON	JOSEPH	ATHLETICS COACH	300000	0	300000
UNIVERSITY OF SOUTH CAROLINA	PASTIDES	HARRIS	PRESIDENT	297648	0	297648
UNIVERSITY OF SOUTH CAROLINA	HOGUE	WILLIAM	VICE PRESIDENT	283050	0	283050
UNIVERSITY OF SOUTH CAROLINA	BREWS	PETER	DEAN	280500	0	355500
UNIVERSITY OF SOUTH CAROLINA	NAGARKATTI	PRAKASH	VICE PRESIDENT	279459	0	363459
UNIVERSITY OF SOUTH CAROLINA	FITZPATRICK	MARY ANNE	DEAN	273764	0	316264
UNIVERSITY OF SOUTH CAROLINA	AMIRIDIS	MICHAEL	PROVOST	273156	0	323156
UNIVERSITY OF SOUTH CAROLINA	AMBLER	ANTHONY	DEAN	273156	0	273156
UNIVERSITY OF SOUTH CAROLINA	SANDS	WILLIAM	ATHLETICS COACH	270000	0	270000
UNIVERSITY OF SOUTH CAROLINA	BROWN	GRADY	ATHLETICS COACH	270000	0	270000
UNIVERSITY OF SOUTH CAROLINA	FRUITT	DENNIS	VICE PRESIDENT	268153	0	273153
UNIVERSITY OF SOUTH CAROLINA	DIPETTE	DONALD	PROFESSOR	265276	0	265276
UNIVERSITY OF SOUTH CAROLINA	PARHAM	WALTER	HIGHER EDUCATION ATTORNEY	263299	0	263299
UNIVERSITY OF SOUTH CAROLINA	CACUCI	DAN	PROFESSOR	263232	0	306129
UNIVERSITY OF SOUTH CAROLINA	BRUNELLI	LESLIE	VICE PRESIDENT	263160	0	263160
UNIVERSITY OF SOUTH CAROLINA	HOPPMANN	RICHARD	PROFESSOR	262650	0	287650
UNIVERSITY OF SOUTH CAROLINA	SMITH	ROBERT	CLINICAL PROFESSOR	262650	0	262650
UNIVERSITY OF SOUTH CAROLINA	CHANDLER	GEORGE	DEAN	260568	0	333568
UNIVERSITY OF SOUTH CAROLINA	ROTH	KENDALL	ASSOCIATE DEAN	259708	0	307708
UNIVERSITY OF SOUTH CAROLINA	ZEIGLER	HELEN	DIRECTOR/ADJUNCT FACULTY	259098	0	259098
UNIVERSITY OF SOUTH CAROLINA	TWISS	JEFFERY	PROFESSOR	255000	0	255000
UNIVERSITY OF SOUTH CAROLINA	WILCOX	ROBERT	DEAN	253673	0	273673
UNIVERSITY OF SOUTH CAROLINA	SEN	SOUVIK	DEPT CHAIR/PROFESSOR	253285	0	310930
UNIVERSITY OF SOUTH CAROLINA	NARASIMHAN	MEERA	DEPT CHAIR/PROFESSOR	252605	0	337797
UNIVERSITY OF SOUTH CAROLINA	BERGER	ALLEN	PROFESSOR	252249	0	252249
UNIVERSITY OF SOUTH CAROLINA	HALL	LESLIE	DEAN	250000	0	250000
UNIVERSITY OF SOUTH CAROLINA	KLAAS	BRIAN	PROFESSOR	242090	0	266090
UNIVERSITY OF SOUTH CAROLINA	NAGARKATTI	MITZI	DEPT CHAIR/PROFESSOR	239798	0	323614
UNIVERSITY OF SOUTH CAROLINA	ANDREWS	JEANNETTE	DEAN	233400	0	257400
UNIVERSITY OF SOUTH CAROLINA	RONINSON	IGOR	PROFESSOR	222221	0	272221
UNIVERSITY OF SOUTH CAROLINA	CHAUDHRY	M.	PROFESSOR	216322	0	274040
UNIVERSITY OF SOUTH CAROLINA	HOLBROOK	EDWIN	ATHLETICS COACH	204000	0	279000
UNIVERSITY OF SOUTH CAROLINA	HODINKA	ROBERT	CLINICAL PROFESSOR	183600	0	257000

Results have been printed to OVER250000.txt

Lab Report Questions:

1. What must you always do to a stream when finished using it?
2. Define the term "delimiter".

Finally:

Upload to the dropbox