CPSC3111   (PGM3QQ)   TOTALS

Make a copy of the **HEADER** program and name it: **TOTALS**. Modify the WS-PRINT-REC line and the **column** headings to be similar to the sample report below. Calculate the regular and overtime pay as follows: For salaried ('S'), the weekly pay is in the pay-rate field, with no overtime. For hourly ('H'), the hourly rate is in pay-rate. Overtime is paid at 1.5 times the pay-rate only for hourly employees with more that 40.0 hours. Net-pay is Regular-pay plus OverTime-pay minus deductions. **DO NOT** create a separate FINAL-TOTAL line!

Print an error message like: *** Invalid Pay Type – Record Ignored *** where the REG PAY, etc. would print if the pay code is not an H' or 'S'. Do **NOT** include any error line amounts in the final-totals. Provide for a **negative** NET-PAY!

Partial REPORT With **FINAL TOTALS**

1 09/20/13	15:52	PROGRAM 3, (QQ) STUDENT NAME			PAGE:	1
0 LAST	EMP #	HRS	REG PAY	OT PAY	DEDS	NET PAY
0 SIPPI	21257	37.8	550.00	0.00	100.00	450.00
0 MALLOW	21260	39.0	390.00	0.00	50.00	340.00
0 SAW	21310	30.0	650.00	0.00	219.73	430.27
0 AHH	21574	42.0	*** Invalid Pay Type - Record Ignored ***			
0 CABOOSE	25112	30.5	198.25	0.00	53.84	144.41
0 HOE	25189	5.5	621.32	0.00	93.12	528.20
0 CANNON	33261	31.6	600.00	0.00	231.84	368.16
0 WHIZ	33377	35.7	600.00	0.00	219.42	380.58
0 INA	33483	53.0	360.00	175.50	87.32	448.18
0 ABAMA	39321	42.0	200.00	15.00	86.23	128.77
0 SUNG	41213	38.2	750.00	0.00	123.45	626.55
0 BOB	41842	44.9	280.00	51.45	142.83	188.62
0 DANIELS	42194	10.2	153.00	0.00	180.00	27.00CR
0 ALLEN	42831	41.3	340.00	16.58	114.29	242.29

*** **Several more detail lines** ***

0 FINAL TOTALS	587.8	8,239.07	260.93	2,500.00	6,000.00

COBOL Source Formatting Guidelines

General:

NO Multiple blank lines anywhere in source program
   (Includes comment lines with only '*' in CC 7)
NO COMPUTE, GO TO, or ALTER statements allowed!
Only one (1) READ or WRITE statement per file
   (PRINT files are allowed 1 extra: (WRITE … AFTER PAGE)
No '$' on any reports.   No more than double spacing in any report!
Column Headings: Alphanumeric: Left Justified, Numeric: Right Justified

Data Division:

One (1) blank line before each FD and 01 level (Except 01 of FD)
FD and 01 levels start in CC 8 with 2 spaces after level numbers
    Other levels (02-49) start in CC12, 16, 20,…etc.
2 spaces after each level number!
No '77' level numbers allowed
'PIC' statements <u>all</u> aligned on same column (Usually between 25 and 40)
REDEFINE and OCCURS align with PIC statements
If the VALUE won't fit on same line, leave 'VALUE' on same line, and code
  literal value begin in CC 12 or 16 with the quote (under <u>F</u>ILLER if used)

Procedure Division:

Paragraph names start in CC 8 (End with period.)
No other PERIODS except at <u>end</u> of each paragraph!
First level 'VERBS' start in CC 12
Continued statements indent two (2) spaces
TRUE and/or FALSE path of each IF statement indented four (4) spaces
All IF statements have corresponding END-IF
  ELSE (if used) and END-IF aligned with IF
One (1) blank line before each paragraph name
Maximum size of paragraphs is about 20 lines
Do NOT use the 'NOT AT END' command type of options
You can only use commands <u>covered</u> in class!