Pseudocode for Lab 8

* Main loop

Read SALES-FILE at end move ‘yes’ to SW-EOF.

MOVE INPUT

EMPLOYEENUM, NAME, YEARS SERVICE, PRESENT SALARY, BUDGET EST

TO OUTPUT

DO WHILE data remains

IF IN-EDU-CODE = ‘G’

PERFORM 1000-GRAD

ELSE

PERFORM 1100-NGRAD

ENDIF.

Read SALES-FILE at end move ‘yes’ to SW-EOF

END DO

* GRAD PARA

IF GRAD LINE COUNT = 15

PRINT GRAD HEADINGS

ENDIF

IF GRAD LINE COUNT = 5 OR 10

PRINT 2 BLANK LINES

ENDIF

ADD 1 TO GRAD COUNT

DO CASE

CASE IN-YRS-SERV >15

PERFORM ANALYST

CASE IN-YRS-SERV >= 7

PERFORM SR-PROG

CASE IN-YRS-SERV > 2

PERFORM PROG

CASE OTHER

PERFORM UNCLASS

END CASE

PERFORM PAY-INCREASE

PERFORM GRAD-PAY-INCREASE

IF PAY INCREASE GREATER THEN STORED GREATEST GRAD INCREASE

STORE THE GRADS NAME AND INCREASE

PRINT GRAD DATA LINE

* NGRAD PARA

IF NGRAD LINE COUNT = 15

PRINT NGRAD HEADINGS

ADD 1 TO NGRAD PAGE COUNT

RESET NGRAD LINE COUNT

ENDIF

IF NGRAD LINE COUNT = 5 OR 10

PRINT 2 BLANK LINES

ENDIF

ADD 1 TO NGRAD COUNT

DO CASE

CASE IN-YRS-SERV > 10

PERFORM PROG

CASE IN-YRS-SERV > 4

PERFORM JR-PROG

CASE OTHER

PERFORM UNCLASS-CALC

END CASE.

PERFORM PAY-INCREASE

PERFORM NGRAD-PAY-INCREASE

IF PAY INCREASE GREATER THEN STORED GREATEST NGRAD INCREASE

STORE THE NGRADS NAME AND INCREASE

IF BUDGET DIFF > 500

PRINT WARNING MESSAGE

PRINT NGRAD DATA LINE

* Page subtotals paragraph

COMPUTE GRAD-ANAL-AVG = TOT-GRAD-ANAL / NUM-GRAD-ANAL

COMPUTE GRAD-SR-PROG-AVG = TOT-GRAD-SR / NUM-GRAD-SENIOR

COMPUTE GRAD-PROG-AVG = TOT-GRAD-PROG / NUM-GRAD-PROG

COMPUTE NGRAD-PROG-AVG = TOT-NGRAD-PROG / NUM-NGRAD-PROG

COMPUTE NGRAD-JR-PROG-AVG =

TOT-NGRAD-JR-PROG / NUM-NGRAD-JR-PROG