


TABULAR

```
1 IDENTIFICATION DIVISION.
2 PROGRAM-ID. BRANCH-SALE.
3 AUTHOR. 62160246.
4
5 ENVIRONMENT DIVISION.
6 INPUT-OUTPUT SECTION.
7 FILE-CONTROL.
8     SELECT BRANCH-SALE-FILE ASSIGN TO "branch_sales.dat"
9     ORGANIZATION IS LINE SEQUENTIAL.
10 DATA DIVISION.
11 FILE SECTION.
12 FD BRANCH-SALE-FILE.
13 01 BRANCH-SALES-REC.
14     88 END-OF-SALES-FILE VALUE HIGH-VALUES.
15
16 05 BRANCH-ID PIC 9(7).
17 05 STATE-NUM PIC 99.
18 05 CANDY-SALES PIC 9(7)V99.
19
20 WORKING-STORAGE SECTION.
21 01 STATE-SALES-TABLE.
22     05 STATE-TOTALS OCCURS 50 TIMES.
23         10 STATE-SALES-TOTAL PIC 9(8)V99.
24         10 STATE-BRANCH-COUNT PIC 9(5).
25 01 STATE-IDX PIC 99.
26
27 01 REPORT-HEADING1 PIC X(35) VALUE
28     " YoreCandyShoppe Sales by State".
29
30 01 REPORT-HEADING2 PIC X(35) VALUE
31     " -----".
32
33 01 REPORT-HEADING3 PIC X(47) VALUE
34     "State Branches StateSales AverageSales".
35
36
37 01 DETAIL-LINE.
38     05 PRN-STATE-NUM PIC B29.
39     05 PRN-BRANCH-COUNT PIC B(3)ZZ,ZZ9.
40     05 PRN-STATE-SALES PIC B(5)$$$,$$$,$$9.99.
41     05 PRN-AVERAGE-SALES PIC BB$$$,$$$,$$9.99.
42
43 01 US-TOTALS.
44     05 US-TOTAL-SALES PIC 9(9)V99.
45     05 US-BRANCH-COUNT PIC 9(6).
46     05 PRN-US-TOTAL-SALES PIC $,$$$,$$$,$$9.99.
47     05 PRN-US-BRANCH-COUNT PIC B(9)ZZZ,ZZ9.
48     05 PRN-US-AVERAGE-SALES PIC BBBB$$$,$$$,$$9.99.
49
50 PROCEDURE DIVISION.
51 BEGIN.
52     MOVE ZEROS TO STATE-SALES-TABLE
53     OPEN INPUT BRANCH-SALE-FILE
54     READ BRANCH-SALE-FILE
55     AT END
56         SET END-OF-SALES-FILE TO TRUE
57     END-READ
58     PERFORM UNTIL END-OF-SALES-FILE
59         ADD CANDY-SALES TO STATE-SALES-TOTAL(STATE-NUM)
60         , US-TOTAL-SALES
61         ADD 1 TO STATE-BRANCH-COUNT(STATE-NUM)
62         , US-BRANCH-COUNT
63     READ BRANCH-SALE-FILE
64     AT END
65         SET END-OF-SALES-FILE TO TRUE
66     END-READ
67     END-PERFORM
68     PERFORM PRINT-RESULTS
69
70     CLOSE BRANCH-SALE-FILE
71     STOP RUN.
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 idontknowtoobrother initial

1 contributor

105 lines (105 sloc) 1.95 KB

```
1 123456742016224389
2 123457023049204411
3 123457314149213085
4 123457650032938871
5 123457922222222222
6 123458248118005404
7 123458524156761370
8 123458827074103465
9 123459018051187942
10 123459412170102881
11 123459730452463658
12 123459815035030055
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PRINT-RESULTS.
    DISPLAY REPORT-HEADING1
    DISPLAY REPORT-HEADING2
    DISPLAY REPORT-HEADING3
    PERFORM VARYING STATE-IDX FROM 1 BY 1
    UNTIL STATE-IDX GREATER THAN 50
        MOVE STATE-IDX TO PRN-STATE-NUM
        MOVE STATE-SALES-TOTAL(STATE-IDX) TO PRN-STATE-SALES
        MOVE STATE-BRANCH-COUNT(STATE-IDX) TO
            PRN-BRANCH-COUNT
        COMPUTE PRN-AVERAGE-SALES = STATE-SALES-TOTAL
            (STATE-IDX)
            / STATE-BRANCH-COUNT(STATE-IDX)
        DISPLAY DETAIL-LINE
    END-PERFORM
    MOVE US-TOTAL-SALES TO PRN-US-TOTAL-SALES
    MOVE US-BRANCH-COUNT TO PRN-US-BRANCH-COUNT
    COMPUTE PRN-US-AVERAGE-SALES = US-TOTAL-SALES
        / US-BRANCH-COUNT
    DISPLAY "YoreCandyShop branches in the US = "
        PRN-US-BRANCH-COUNT
    DISPLAY "YoreCandyShop sales in the US = "
        PRN-US-TOTAL-SALES
    DISPLAY "YoreCandyShop average US sales = "
        PRN-AVERAGE-SALES.
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