

COBOL II

CP #02 – SEARCH/TABLES/DISPLAY/ACCEPT

Purpose:

Case problem, CBLXXX02.CBL, is to create a detail report for wakeboards sold. The input file will use the layout that follows:

01	I-WAKEBOARD.	
05	I-UPC	PIC X(12).
05	I-BOARD	PIC 99.
05	I-LENGTH	PIC XX.

Processing:

1. Create a hard-coded indexed table for the following board sizes.
(XS) 111 - 117 cm (S) 118 - 123 cm (M) 124 - 133 cm (L) 134 - 141 cm
(XL) 142 - 146 cm
2. Create a hard-coded non-indexed table that contains the **board names and prices only.**

1-Shane Hybrid	7-B.O.B. Grind	13-Nemesis Grind
\$529.99	\$549.99	\$279.99
2-Watson Hybrid	8-Super Trip	14-Wing
\$469.99	\$499.50	\$549.99
3-Peak Hybrid	9-Tex	15-Angel
\$8.99	\$429.99	\$339.99
4-FLX	10-Witness	16-Melissa Grind
\$649.99	\$299.99	\$499.00
5-Slab	11-S4	17-Star
\$579.99	\$349.99	\$278.99
6-Deluxe Hybrid	12-Nemesis	18-Jett Grind
\$499.00	\$299.99	\$349.99
3. Create an accumulator table to total sales by board number.
4. Create a counter table to count the number of each size range sold.
5. Initialize the sales and size tables using a perform varying.
6. Accumulate the total sales.
7. Use the SEARCH statement on the size table.
8. ~~Request user input for the input and output file names and paths.~~

Output:

1. Read and print all detail records.
2. Print the UPC in the XX/XXX-XXX-XXXX format.
3. Replace the Board Number with the Board Name.
4. Replace the Size with the Size Range.
5. Print the appropriate Price based on the Board Number.
6. Print a grand total of all sales.
7. On a separate page with appropriate Headings, Print the Board number, Board Name, and Sales.
8. On this same page, with appropriate Headings, Print the Size Range and Count for each size.
9. You design the report layouts that are easy to read with appropriate titles, headings, and total lines.
10. Zero-suppress all whole numbers to the last digit and all currency fields to the decimal.
11. Always include your name in the title of your reports
12. Comment this and all future programs adequately.

Turn In:

Report	Printed listing and MyHills Drop Box
Input File	Drop Box
COBXXX01.CBL	Printed listing and MyHills Drop Box