BAN 410 Term Project Spring 2024

The BAN410 Term Project consists of two programs. Instructions for the two programs are shown below.

Program 1

This program will require you to use the ZNAUS24_PRODUCTS database table to provide a list of products matching search parameters entered by a user. Your input screen should consist of two checkboxes and a search textbox, and should look like this:

Search for a product name:	
Search for a product category:	
Enter Search Term:	

Users have the choice of checking the box to search based on a product name, or checking the box based on a product category (for this program, you can assume a user will never check both boxes). Once the user checks one of the boxes, they will enter a search term to provide either the name of a product or product category. When the user checks the product category box and enters a product category listed in the database table for the search term, the program will display the following report (in this example, CHAIRS was entered for the search term):

roduct Name	Product Category	Depth Hei	ght Width Price
HENRIKSDAL	CHAIRS	58 93	7 51 \$ 225,00
URBAN	CHAIRS	48 79	9 45 \$ 225,00
STEFAN	CHAIRS	49 90	9 42 \$ 85,00
GUNDE	CHAIRS	45 78	3 41 \$ 30,00
HEMNES	CHAIRS	32 65	85 \$ 295,00
MARIUS	CHAIRS	0 0	0 40 \$ 25,00
EKERA	CHAIRS	73 7	5 70 \$ 695,00
EKENAB	CHAIRS	78 90	86 \$ 995,00
ERNFRID	CHAIRS	51 46	5 48 \$ 145,00
SVENBERTIL	CHAIRS	0 39	0 \$ 100,00
HATTEFJALL	CHAIRS	68	68 \$ 1045,00
MALINDA	CHAIRS	38	0 \$ 25,00

When the user checks the product name box, and enters the name of a product in the database table for the search term, the program will display the following report (in this example LIATORP was entered for the search term):



If the user attempts to execute the program without checking one of the boxes, the following error message (and only the error message) should be displayed:

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Please check a box to search for a product name or product category
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If the user attempts to execute the program without entering anything in the search term box, the following error message (and only the error message) should be displayed:

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Please enter a search term
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Finally, if the user checks one of the boxes, and enters a search term, but no records matching the search term is found in the tables, the following error message (and only the error message) should be displayed:

No matching records found

Program 2

This program will require you to use the ZNAUS24_PRODUCTS and ZNAUS24_ORDERS database tables to provide a list of product sales orders matching search parameters entered by a user. Your input screen should consist of two search textboxes, and should look like this:

Enter category or ANY:	
Enter max price or ANY:	

For the search boxes, the user has the option of entering the name of a product category, or the word ANY (which will display any product category), and a maximum product price, or ANY (which will display

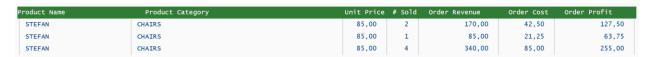
any product price). If the user enters ANY for both search boxes, all records in the joined tables will be displayed in a report matching the one shown below (unit cost is equal to 0.25 of the unit price listed in the products table and order cost = unit cost * #sold):



If the user enters a product category in the database for the product category search box, and ANY for the maximum product price, the resulting report will show only those records with a matching product category of any price in a report that should look like this (in this example CHAIRS was entered for the product category and ANY was entered for the max price):



If the user enters both a product category and maximum price, the resulting report will show all sales orders with a matching product category, but less than the maximum price entered (in this example CHAIRS was entered for the product category and 90 was entered for the maximum price):



If at any time the user enters any combination of inputs screen entries which matches no records in the database tables, the following message (and only the message) should appear on the screen.



When your programs are complete, make sure they are both activated in the SAP system and paste text versions on the term project assignment page in Canvas.