



Exercise Five

5.1 This exercise uses module EX4_4 as the basis for the development, if this is yet to be completed, please do so now or alternatively the training consultant can provide you with a copy.

5.2 Create a non-base table item on the Form to display the Grand total for each record of the Stock_Information table, format this and the Price field to display currency and two decimal places, in addition, right justify the numeric fields.

Hint: Use the Calculation Mode for the Item

Save as c:\course\ex5_2

Exercise Five



WINDOW1

Section Number Section Type

Section Name

Stock Number	Stock Description	Unit Price	No In Stock	Total Value
1	BRASS HANDLE	£12.99	100	£1299.00
9	YALE LOCK	£9.99	15	£149.85
10	BRASS KNOCKER	£15.99	10	£159.90
25	HINGE PACK (LH)	£6.99	10	£69.90
26	HINGE PACK (RH)	£6.99	0	£0.00



Exercise Five

5.3 Continuing with ex5_2. Amend the canvas to display the following totals ...

- a. Grand Total of all Stock for the Section
- b. Grand Total value of all Stock for the Section

Remember to change the output to include currency and decimal places

Save as c:\course\ex5_3

Exercise Five



WINDOW1

Section Number Section Type

Section Name

Total In Stock Grand Total Value

Stock Number	Stock Description	Unit Price	No In Stock	Total Value
1	BRASS HANDLE	£12.99	100	£1299.00
9	YALE LOCK	£9.99	15	£149.85
10	BRASS KNOCKER	£15.99	10	£159.90
25	HINGE PACK (LH)	£6.99	10	£69.90
26	HINGE PACK (RH)	£6.99	0	£0.00

Exercise Five



5.4 Perform the following tests , this assumes the module has been executed ...

- a. Query all records in the Stock Information area, the totals should represent the totals from this block.
- b. Clear on record in the Stock Information area, the totals should adjust.
- c. Insert a new record in the Stock Information area, the totals should adjust.
- d. Clear the Stock Information block, the totals should adjust.
- e. Re-query all Sections, now perform an enter-query, the totals should be blank.
- f. Make sure the totals cannot be entered and amended manually.
- g. Amend a records price to confirm that the values will change.
- h. Create a new details record and commit to the database to ensure the changes have not had an adverse effect.



Exercise Five

5.5 Create a Pre-Query trigger in the Stock Information block to prevent the user specifying both number in stock and price, allow one or the other to be queried but not both.

Display a message when an error occurs ...

Save as c:\course\ex5_5

Stock Number	Stock Description	Unit Price	No In Stock	Total Value
		£12.00	12	



Exercise Five

5.6 Create a Pre-Query trigger in the Section block to prevent Section Type being used as a query item when the Section Number is entered. Save the module as EX5_6.

WINDOW1

Section Number Section Type

Section Name

Total In Stock Grand Total Value

Stock Number	Stock Description	Unit Price	No In Stock	Total Value

Please query on Type or Number only, not both.

Record: 1/1

Enter-Qu...



Exercise Five

5.7 Create a new module, with a single block using Order_Details table, use the following columns ...

od_order_number
od_stock_number
od_order_date
od_quantity
od_unit_price

Save as c:\course\ex5_7

Create a Tabular Report which will appear as follows ...



Exercise Five

5.7 continued ...

The screenshot displays the Oracle Forms 10g interface. At the top, there is a menu bar with the following items: Action, Edit, Query, Block, Record, Field, Help, and Window. Below the menu bar is a toolbar containing various icons for navigation and editing. The main window, titled 'WINDOW1', contains a table with the following data:

Order	Stock	Date	Qty	Price
1	15	01-JAN-2001	3	14.99
2	14	01-JAN-2001	1	79.99
3	13	02-JAN-2001	3	6.99
4	26	04-JAN-2001	10	6.99
5	25	04-JAN-2001	5	6.99
6	24	07-JAN-2001	1	16.99
7	23	08-JAN-2001	10	2.99
8	21	08-JAN-2001	1	4.7
9	1	09-JAN-2001	1	21.99
10	2	09-JAN-2001	3	10.99



Exercise Five

5.8 Perform the following formatting to the module ...

Create an item to calculate the total value of each Order.

Format this item, Price and Qty to be right aligned and two decimal places with a currency symbol (where appropriate)

Save the module as c:\course\ex5_8

Exercise Five



5.8 continued ...

WINDOW1

Order Details

Order	Stock	Date	Qty	Price	Value
1	15	01-JAN-2001	3	£14.99	£44.97
2	14	01-JAN-2001	1	£79.99	£79.99
3	13	02-JAN-2001	3	£6.99	£20.97
4	26	04-JAN-2001	10	£6.99	£69.90
5	25	04-JAN-2001	5	£6.99	£34.95
6	24	07-JAN-2001	1	£16.99	£16.99
7	23	08-JAN-2001	10	£2.99	£29.90
8	21	08-JAN-2001	1	£4.70	£4.70
9	1	09-JAN-2001	1	£21.99	£21.99
10	2	09-JAN-2001	3	£10.99	£32.97



Exercise Five

5.9 Create a Post-query trigger to display the Stock Description from the Stock Information table, this is linked to the Order Details table via the OD_Stock_Number and SI_Stock_Number, use an explicit cursor to improve efficiency

Create an item on the Form to display that value.

No longer display the Stock Number.

Display the scroll bar

Enter a query and make sure that the fields tab in a strict display order.

Make sure the Description field cannot be queried

Execute a query to make sure the Description is displayed.

Save as c:\course\ex5_9

Exercise Five



5.9 continued ...

WINDOW1

Order Details

Order	Description	Date	Qty	Price	Value
1	SHOWER CURTAIN - PINK	01-JAN-2001	3	£14.99	£44.97
2	ELECTRIC SHOWER	01-JAN-2001	1	£79.99	£79.99
3	POZIDRIVE SCREWS 3 INCH	02-JAN-2001	3	£6.99	£20.97
4	HINGE PACK (RH)	04-JAN-2001	10	£6.99	£69.90
5	HINGE PACK (LH)	04-JAN-2001	5	£6.99	£34.95
6	PILEDRIVER	07-JAN-2001	1	£16.99	£16.99
7	RUBBER PLANT	08-JAN-2001	10	£2.99	£29.90
8	HYACINTH	08-JAN-2001	1	£4.70	£4.70
9	BRASS HANDLE	09-JAN-2001	1	£21.99	£21.99
10	S AND J SPADE	09-JAN-2001	3	£10.99	£32.97