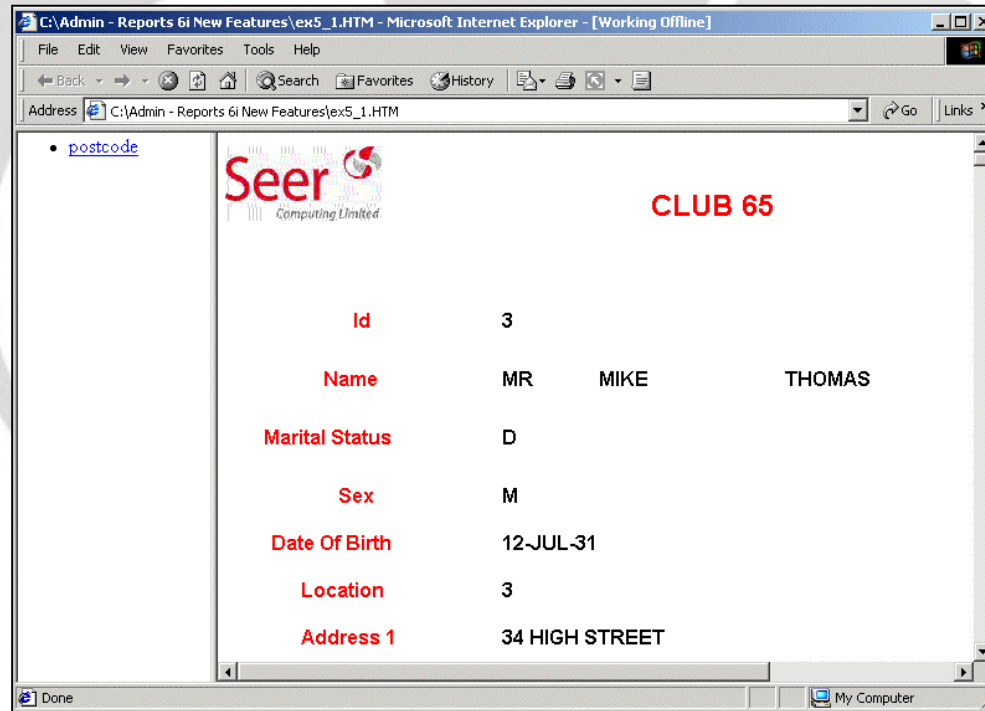


# Exercise Four



4.1 Create a form-like Report using all the columns from the table Club\_65 except for the audit columns, C65\_CREATED\_BY, C65\_CREATED\_DATE, C65\_UPDATED\_BY, C65\_UPDATED\_DATE. Use a Form Layout. Add a bookmark to the C65\_ADDRESS\_POSTCODE column using PL/SQL. View the report in the web browser and it should look as follows. Save as c:\course\ex4\_1



# Exercise Four



4.2 Using ex3\_7 create a dynamic bookmark based on SI\_SECTION\_NUMBER using PL/SQL. View the Report in the web browser so that it appears as follows. Save as c:\course\ex4\_2

Section Number 1

Section No	Stack No	Description	Unit Price	No In Stock	Value
1	1	BRASS HANDLE	\$12.99	100	\$1299.00
1	9	YALE LOCK	\$9.99	15	\$149.85
1	25	HINGE PACK (LH)	\$6.99	10	\$69.90
1	10	BRASS KNOCKER	\$15.99	10	\$159.90
1	26	HINGE PACK (RH)	\$6.99	0	\$0.00
<b>Total Stock</b>					<b>Total Value \$1678.65</b>

Section Number 2

Section No	Stack No	Description	Unit Price	No In Stock	Value
2	14	ELECTRIC SHOWER	\$79.99	4	\$319.96
2	16	SHOWER CURTAIN - WHITE	\$10.99	10	\$109.90
2	17	BATH MAT SET	\$8.99	23	\$206.77
2	15	SHOWER CURTAIN - PINK	\$14.99	10	\$149.90

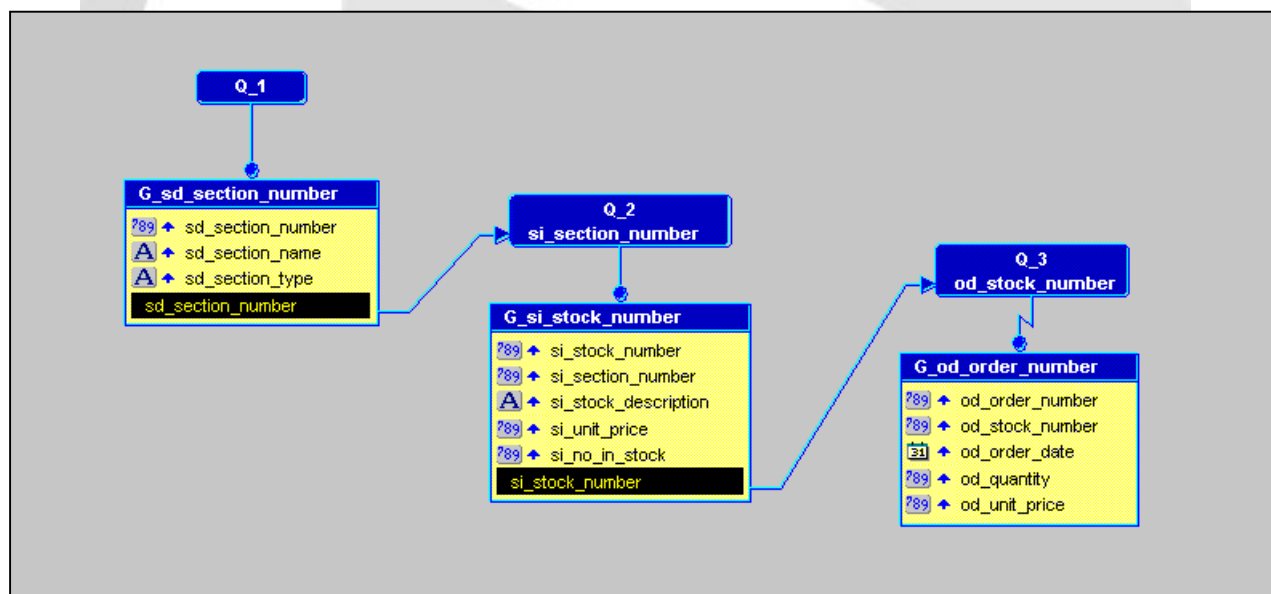


# Exercise Four

4.3 Manually create a new report which has a query from the Section\_details table using columns Sd\_section\_number, sd\_section\_name and sd\_section\_type.

Create another query from the Stock\_information table using the si\_stock\_number, si\_section\_number, si\_stock\_description, si\_unit\_price, si\_no\_in\_stock. Create a data link between the sd\_section\_number and si\_section\_number columns.

Create another query from the Order\_details table using the od\_order\_number, od\_stock\_number, od\_order\_date, od\_quantity, od\_unit\_price columns. Create a data link between the si\_stock\_number and od\_stock\_number columns



# Exercise Four



4.3 continued, create a group above report. Save the report as c:\course\ex4\_3

**Seer**  
Computing Limited

## Order Report by Section

**Section No** 1  
**Name** DOORS AND LOCKS  
**Type** HARDWARE

Stock No 1		
Description BRASS HANDLE		
Unit Price 12.99	No In Stock	100
Order No	Order Date	Quantity
9	09 JAN 2001	1
15	25 JAN 2001	1
16	25 JAN 2001	1

Stock No 9		
Description YALE LOCK		
Unit Price 9.99	No In Stock	15
Order No	Order Date	Quantity

Stock No 10		
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# Exercise Four



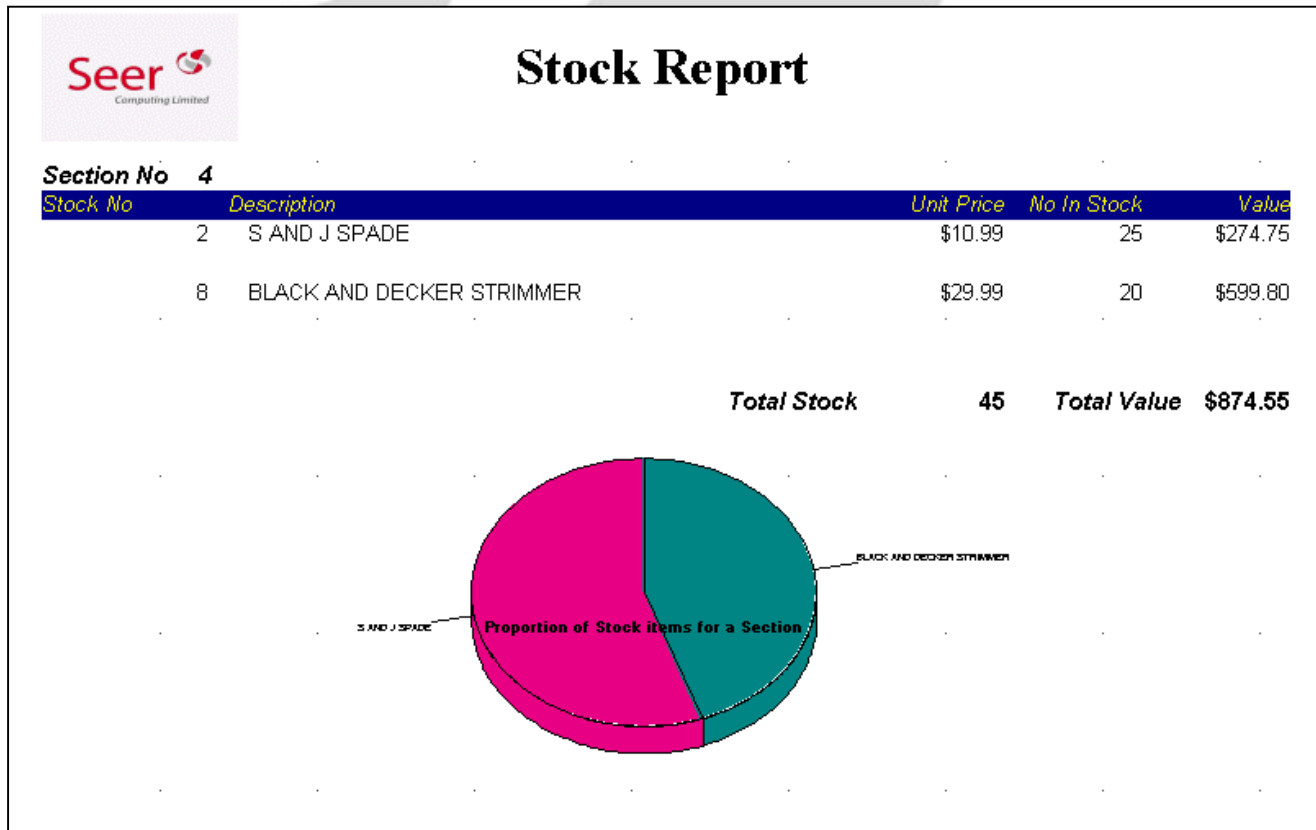
4.4 Amend the report so that only stock with orders appears. Save as c:\course\ex4\_4

Seer Computing Limited		Order Report by Section		
Section No	1			
Name	DOORS AND LOCKS			
Type	HARDWARE			
Stock No 1				
Description BRASS HANDLE				
Unit Price \$12.99		No In Stock 100		
<i>Order No</i>	<i>Order Date</i>	<i>Quantity</i>		
9	09 JAN 2001	1		
15	25 JAN 2001	1		
16	25 JAN 2001	1		
Stock No 25				
Description HINGE PACK (LH)				
Unit Price \$6.99		No In Stock 10		
<i>Order No</i>	<i>Order Date</i>	<i>Quantity</i>		
5	04 JAN 2001	5		

# Exercise Four




4.5 Retrieve ex2\_6. A chart has already been created called ex4\_5.ogd, this creates a pie chart showing the proportion of each stock item for the section. Embed this graphic into the Report making sure that the graphic's parameter p\_section is passed the correct value. Save as c:\course\ex4\_5





# Exercise Four

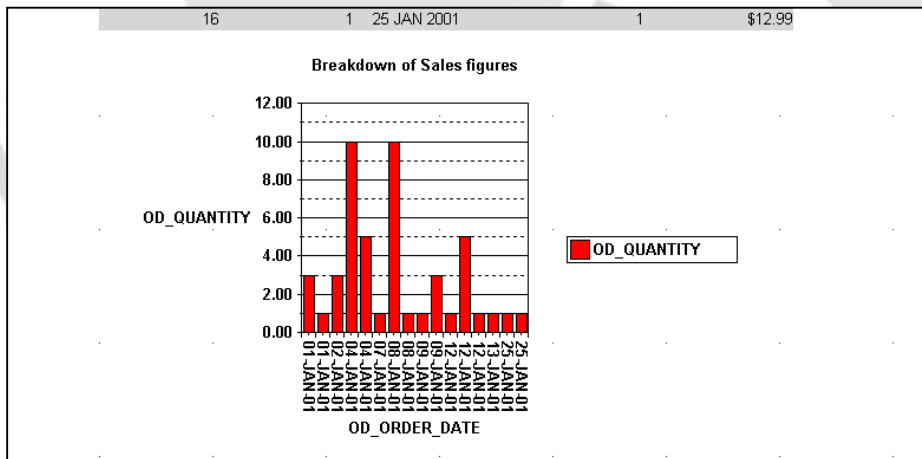
4.6 Retrieve module ex3\_6. Using the Chart Wizard, create a chart after the data displaying along the X-axis the sales dates and the Y-axis the number of items sold, save the chart as c:\course\ex4\_6.ogd, run the report. Save as c:\course\ex4\_6



## Order Report

Ordered by Order No (asc )

Order Number	Stock Number	Order Date	Quantity	Unit 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



# Exercise Four



4.7 Retrieve module ex3\_6. Insert an OLE object (create from new) of Microsoft Word ... run the report and observe how double clicking on the Object will open the Product. This can only be achieved if Word is on your machine ... if it isn't select another Product to open a window into ... Save the module as c:\course\ex4\_7

A screenshot of a 'Stock Report' window. The window has a title bar and a header area with the 'Seer Computing Limited' logo and the title 'Stock Report'. Below the header, it says 'Section No 7'. The main content area contains a table with two rows of data: 'Total Stock' with a value of '1546' and 'Total Value' with a value of '\$3345.07'. At the bottom of the window, there is a large rectangular placeholder box with a thin border. Inside this box, the text reads: 'This is to show that when a user double clicks on this area it opens a Word document up ....' This indicates that the box is an OLE object that, when double-clicked, would open a Microsoft Word document.

Stock Report	
Section No	7
Total Stock	1546
Total Value	\$3345.07

This is to show that when a user double clicks on this area it opens a Word document up ....



# Exercise Four

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4.8 If time permits, create the following report manually ...

Select sl\_location\_id, sl\_location\_name, sl\_location\_address, sl\_parent\_location\_id, sl\_location\_telephone, sl\_location\_type from store\_locations.

Create another query using c65\_member\_id, c65\_location\_id, c65\_member\_surname, c65\_member\_name, c65\_sex, c65\_title, c65\_marital\_status, c65\_date\_of\_birth, c65\_address\_one, c65\_address\_two, c65\_address\_three, c65\_address\_postcode, c65\_phone from club\_65

Create another query using sts\_location\_id, sts\_date, sts\_stock\_number, sts\_number\_sold, sts\_price from stock\_sales.

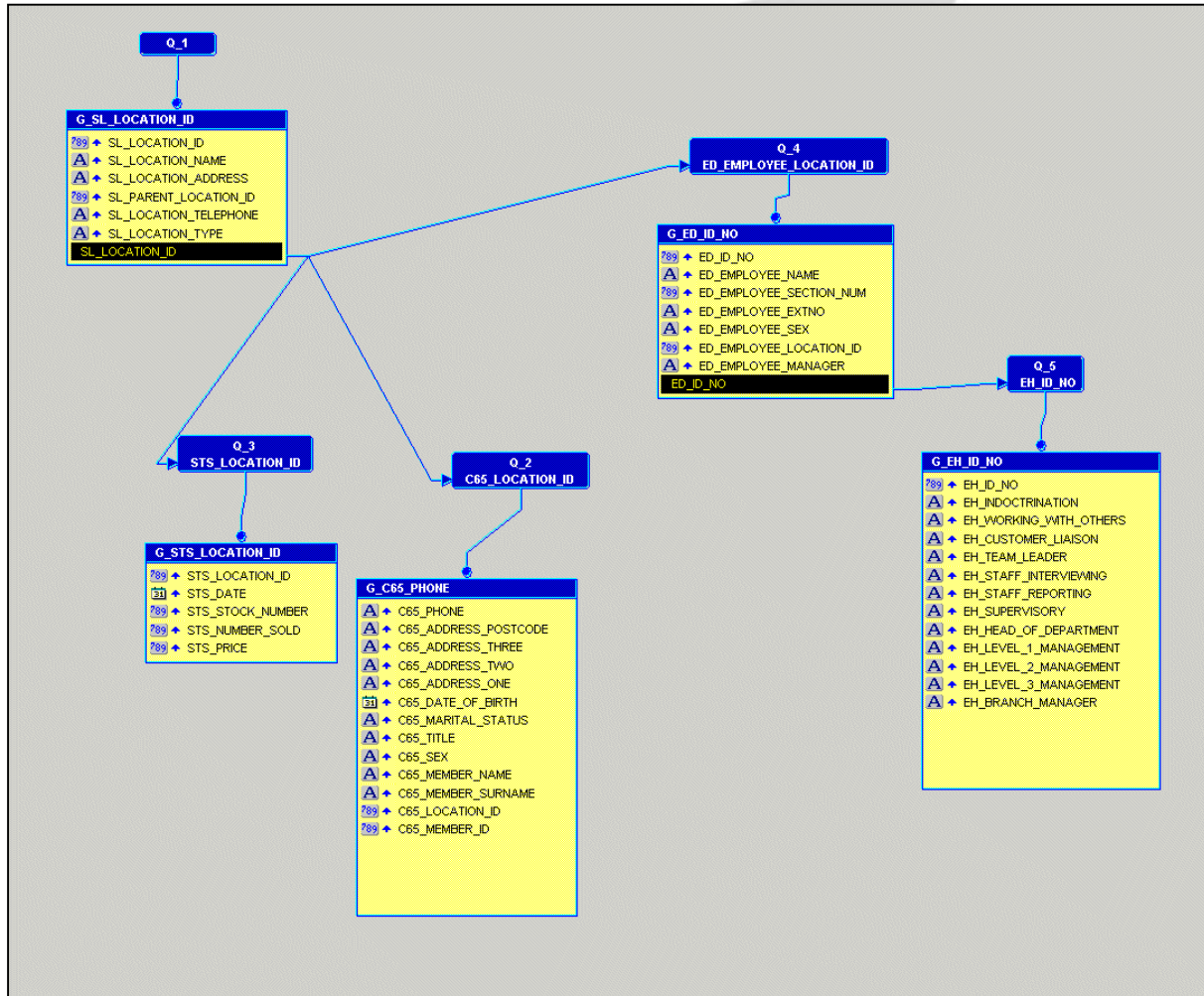
Create another query using ed\_id\_no, ed\_employee\_name, ed\_employee\_section\_num, ed\_employee\_extno, ed\_employee\_sex, ed\_employee\_location\_id, ed\_employee\_manager from employee\_details.

Create another query using eh\_id\_no, eh\_indoctrination, eh\_working\_with\_others, eh\_customer\_liaison, eh\_team\_leader, eh\_staff\_interviewing, eh\_staff\_reporting, eh\_supervisory, eh\_head\_of\_department, eh\_level\_1\_management, eh\_level\_2\_management, eh\_level\_3\_management, eh\_branch\_manager from employee\_history.

# Exercise Four



4.8 continued ... Link the foreign keys in the Data Model using the data links below ...



# Exercise Four



4.8 continued ... create a Group Above report ... making sure that groups are suppressed when no data occurs for that location .... Save the module as c:\course\ex4\_8

**Seer**  
Computing Limited

## Location Report

**Location**

Name WEST NORWOOD      Id1      Parent  
Address 304-322, NORWOOD  
RD, WEST NORWOOD,  
LONDON, SE27 9AF  
Tel 0208 178524      Location Type H

**Club 65 Members**

Name MR PAUL REES  
Address 3 CAMBRIAN CLOSE      Date Of Birth 05 JAN 1936  
WEST NORWOOD      Marital Status M  
LONDON      Sex M  
Postcode W N6 4TH      Phone 020 4523 882

**Employees and Training**

Name	Section	Extno	Sex	Manager			
JOSH JACOBS	9	1991	M				
	Indoctrination	Working With Others	Customer Liaison	Team Leader	Staff Interviewing	Staff Reporting	Supervisory
	Y	Y	Y	N	Y	Y	Y
	Head Of Department	Level 1 Management	Level 2 Management	Level 3 Management	Branch Manager		
	Y	Y	N	N	Y		



4.8 continued ...

**Seer**  
Computing Limited

## Location Report

**Location**

Name GORSEINON                      Id2                      Parent 1  
Address GORSEINON RD,  
          GARNINGOCH,  
          GORSEINON,  
          SWANSEA, SA4 1AB  
Tel 01792 625398                      Location Type D

**Club 65 Members**

Name MR IAN DAVIES                      Date Of Birth 18 AUG 1935  
Address 56 STEPNEY STREET                      Marital Status M  
          GORSEINON                      Sex M  
          SWANSEA                      Phone 01792 895466  
Postcode SA5 8UJ

Name MR BILL ROGERS                      Date Of Birth 08 APR 1932  
Address 27 LIME STREET                      Marital Status M  
          GORSEINON                      Sex M  
          SWANSEA                      Phone 01792 894510  
Postcode SA5 7OP

**Stock Sales Details**


Date	Stock No	Number Sold	Price
30 OCT 2001	18	2	7.49
05 DEC 2001	10	1	15.99
15 DEC 2001	11	20	3.99
10 JAN 2002	24	1	16.99
16 JAN 2002	22	4	3.49

**Employees and Training**

Name	Section	Extno	Sex	Manager
MICHAEL BROWN	1	1610	M	
DARREN CLANCY	3	1620	M	MICHAEL BROWN



4.8 continued ...



## Location Report

### Location

Name BRISTOL                      Id 5                      Parent 2  
Address 6, ELLAN HAY ROAD,  
AZTEC WEST,  
BRISTOL  
Tel 0117 9234568                      Location Type R

### Club 65 Members

Name MR ANDREW FISHER	Date Of Birth 31 JAN 1937
Address 16 BROOKLYN TERRACE	Marital Status D
KINGSWOOD	Sex M
Postcode BRISTOL	Phone 01645 453302
BR56 4OL	
Name MS KATHLEEN JONES	Date Of Birth 14 SEP 1930
Address 3 VALLEY WAY	Marital Status D
CLIFTON	Sex F
BRISTOL	Phone 01644 710023
Postcode BL77 5VI	


### Employees and Training

Name	Section	Extno	Sex	Manager
STUART ATKINS	1	1270	M	
SIMON BALL	2	1271	M	STUART ATKINS
SAMANTHA POTTS	4	1272	F	SIMON BALL
JERRY SWINGER	6	1273	M	SIMON BALL
AMY LEWIS	8	1274	F	SIMON BALL

# Exercise Four



4.9 Use the Report Wizard to create a form-like report titled Stock Information Lob Report that displays all columns except for SI\_UPDATED\_BY AND SI\_UPDATED\_DATE from the stock\_information table. Save as c:\course\ex4\_9

Seer Computing Limited		LOB Report	
Section No	1	Unit Price	12.99
Stock No	1	No In Stock	100
Description	BRASS HANDLE	Created By	REPORTS_ADMIN
Stock Pic Blob		Created Date	23-MAR-01
		Stock Text Clob	Test Document1 <input type="checkbox"/> This is a test document which relates to Stock Number 1, the brass handle. <input type="checkbox"/>