

College/Institute/Center: Management & Technology Department of: BIS.

SESSION PLAN

*Lecture / Tutorial / Laboratory / Workshop

(* DELETE AS APPROPRIATE)

	Course Particulars
#: S325	Title: Advanced Database (PIS)

SESSION PARTICULARS		
#: 1	Title: Introduction/Schema Builder	Hrs: 2

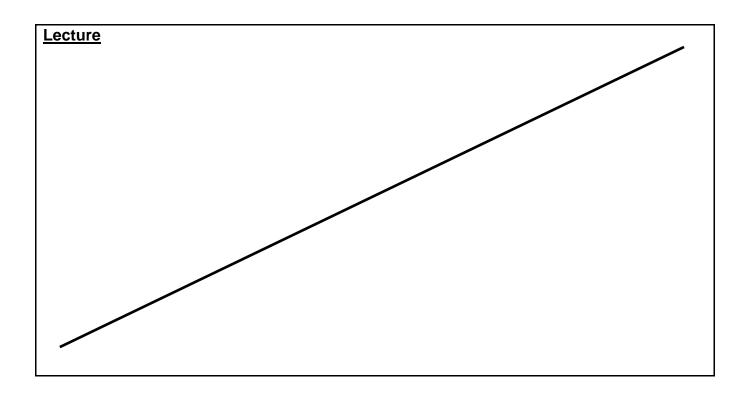
	LEARNING OUTCOMES / ABILITIES GAINED*		
#	Outcome Description		
1	Introducing Oracle Developer		
2	Introducdering Schema Buil		
3	Applying the Relational Model using Oracle Schema Builder:		
4	Creating tables and identifying constraints (PKs and FKs).		
5	Modifying tables (adding & deleting columns)		
6	Creating Relationships.		

Prepared by

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

#: 2

Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Introduction to SQL
2	Using SQL to Create Tables.
3	Identifying Constraints.
4	Dropping Tables.

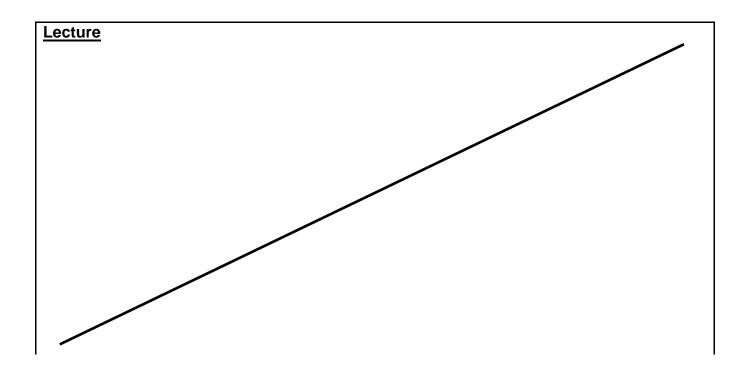
Prepared by

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

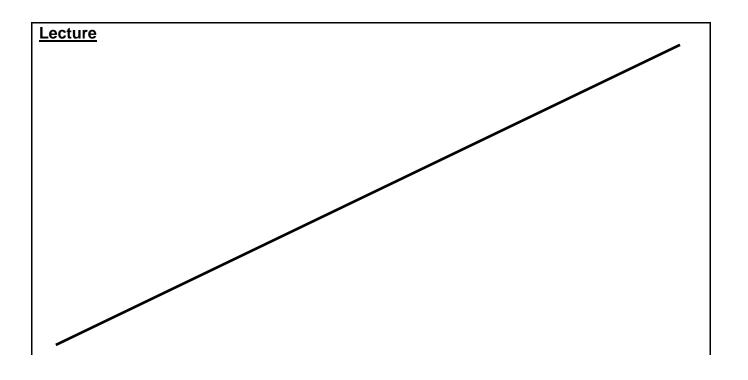
	SESSION PARTICULARS	
#: 3	Title: Continuing SQL.	Hrs: 2

	LEARNING OUTCOMES / ABILITIES GAINED*
#	Outcome Description
1	Insert Rows (data in tables).
2	Introduction to simple Select Query.
3	Applying Select Statements

Prepared by Designation: Mrs. Name: Sara ELKheshin Sign: **Date:** 11/7/2010

Approved by Designation: Dr. Name: Walid AbdelMoez Sign: **Date:** 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

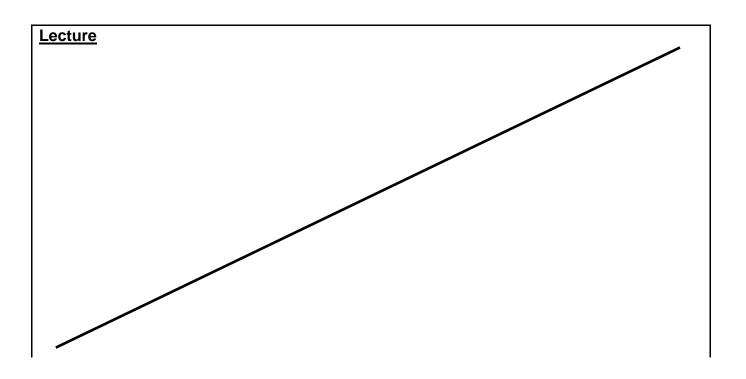
	Session Particulars	
#: 4	Title: Continuing SQL.	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*		
#	Outcome Description	
1	Using Join conditions	
2	Using Cascade Select Statements.	
3	Views.	
4	Using Alter table command.	
	- Adding Columns.	
	- Deleting Columns.	
5	Deleting Rows	

Prepared by Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial Lab Sheets for each section.

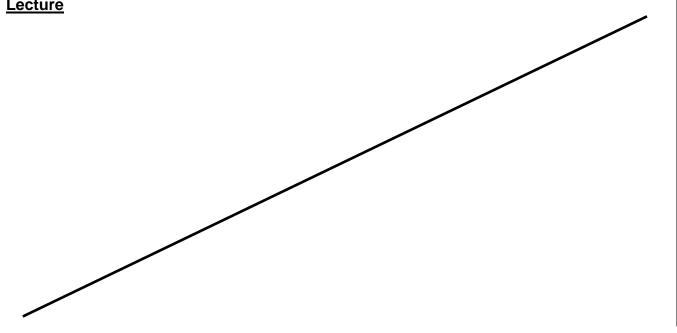
Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

#: 5

#	LEARNING OUTCOMES / ABILITIES GAINED* Outcome Description		
1	SQL Exam / reviewing propos		
	epared by	Approved by	
	signation: Mrs. me: Sara ELKheshin	Designation: Dr. Name: Walid AbdelMoez	
Sig	n:	Sign:	
Dat	te: 11/7/2010	Date: 11/7/2010	
of 2			MPC3/3-1
of 2			MPC3



Source Material: Oracle Developer 2000 Tutorial Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

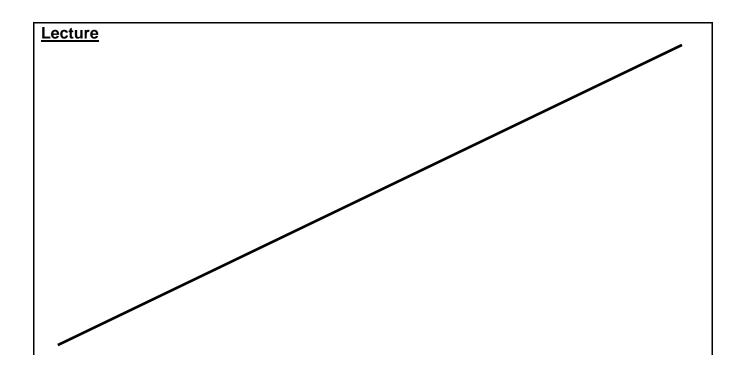
Educational Resources : Handouts, presentations, assignments.

	SESSION PARTICULARS	
#: 6	Title: Introducing Form Builder	Hrs: 2
	LEARNING OUTCOMES / ABILITIES GA	AINED*
#	Outcome Description	
1	Introducing Oracle From Builder.	
2	Understanding Form Builder Object Navigator.	
3	Understanding what are canvases.	
4	Creating Data blocks (forms).	

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by Designation: Dr. Name: Walid AbdelMoez Sign: **Date:** 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

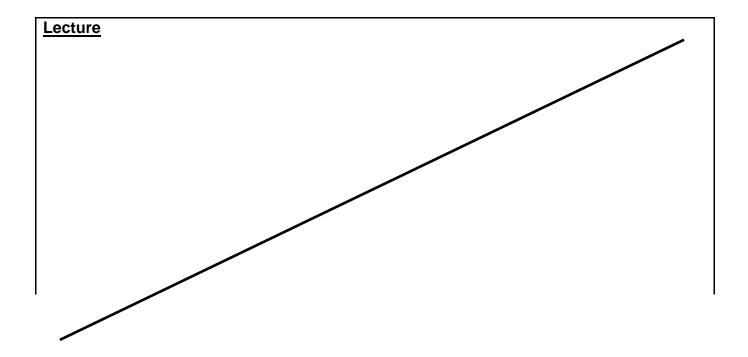
	SESSION PARTICUL	ARS	
#: 7	Title: Continuing Form Builder	Hrs: 2	
	LEARNING OUTCOMES / ABIL	ITIES GAINED*	
#	Outcome Des	scription	
1			
2	Master Deatil Forms Creating		
3	Differentiating Between master blocks and detail block		
4	.Establishing Relationships between two blocks		

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

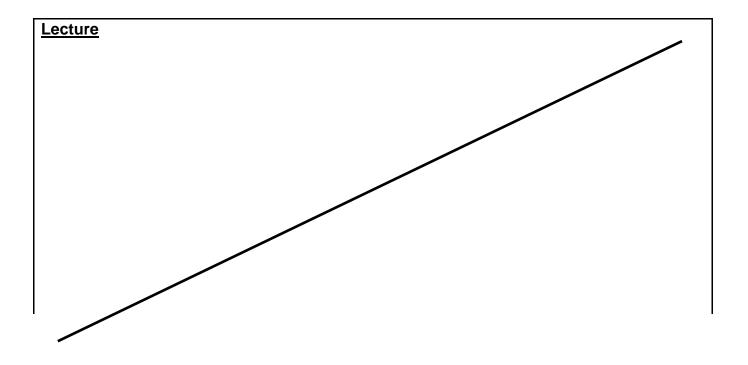
	Session Particulars		
#: 8	Title: Continuing Form Builder	Hrs: 2	
	LEARNING OUTCOMES / ABILITIES GAI	NED*	
#	Outcome Description		
1	Creating Combo boxes		
2	Getting familiar with properties of combo boxes adn text boxe	28	
3	Creating List of Values (LOVS).		
4	Changing properties of list of values		

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

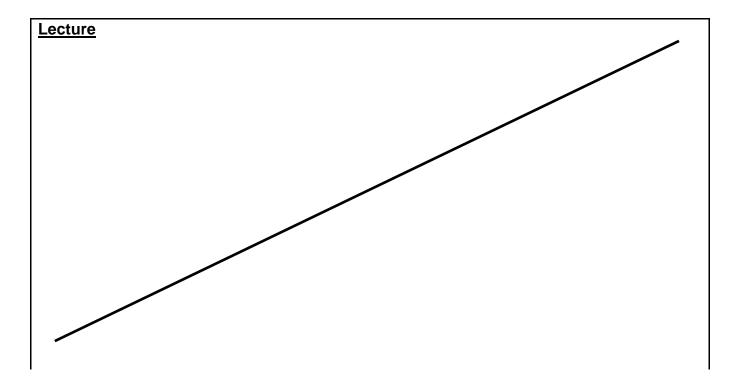
	Session Particulars	
#: 9	Title: Continuing Form Builder	Hrs: 2
	LEARNING OUTCOMES / ABILITIES GAIN	NED*
#	Outcome Description	
1	Introducing Triggers types.	
2	Using Triggers to create Push Buttons.	
3	Using Triggers to create Push Buttons.	
4	Using Triggers to create validation constraints.	
5	Adding Functionality (computations) to forms using triggers.	
6	Creating Views.	

Prepared by Designation: Mrs.

Name: Sara ELKheshin Sign: **Date:** 11/7/2010

Approved by Designation: Dr. Name: Walid AbdelMoez Sign: **Date:** 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

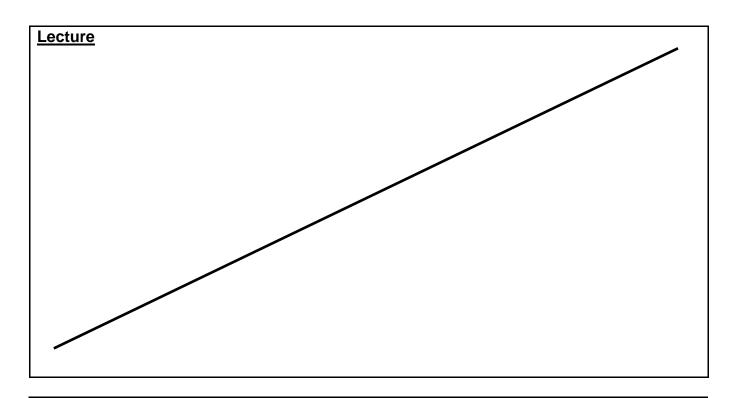
	Session Particulars		
#: 10	Title: Report Builder	Hrs: 2	
	LEARNING OUTCOMES / ABILITIES GAINED*		
#	Outcome Description		
1	Using Report Builder to create reports.		
2	Creating Parameter forms.		
3	Creating Menus and integrating menus with forms and reports		

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

Session Particulars		
#: 11	Title: Introducing PLSQL	Hrs: 2
	LEARNING OUTCOMES / ABILITIES GAI	NED*
#	Outcome Description	
1	Introducing PLSQL.	
2	Declaration of Variables records and arrays.	
3	Introducing IF statements.	
-		

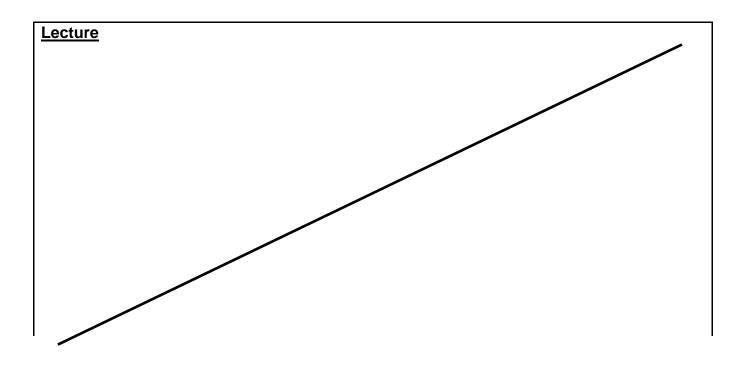
Prepared by Designation: Mrs. Name: Sara ELKheshin Sign:

Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

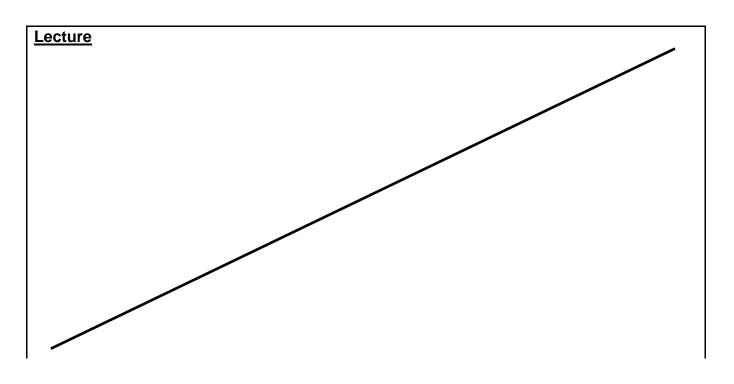
Educational Resources : Handouts, presentations, assignments.

Session Particulars		
#: 12	Title: Cont PLSQL	Hrs: 2
	LEARNING OUTCOMES / ABILITIES GAI	NED*
#	Outcome Description	
1	Using For and While Loops.	
2	Application of loops on variables, records and arrays	

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

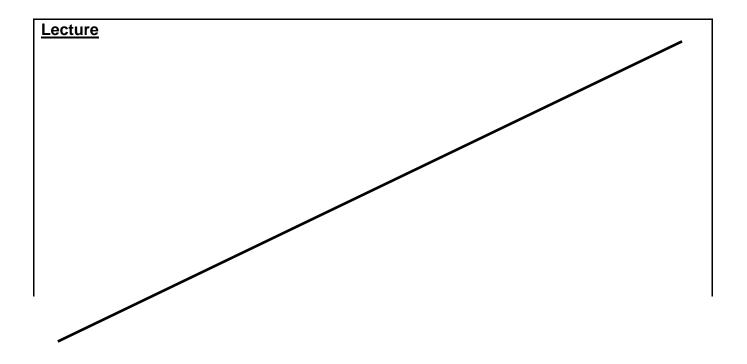
Educational Resources : Handouts, presentations, assignments.

SESSION PARTICULARS		
#: 13	Title: Continuing PLSQL	Hrs: 2
	LEARNING OUTCOMES / ABILITIES GAI	NED*
#	Outcome Description	
1	Introducing Procedures and functions	
2	Writing Procedures and functions	

Designation: Mrs. Name: Sara ELKheshin Sign: **Date:** 11/7/2010

Approved by Designation: Dr. Name: Walid AbdelMoez Sign: **Date:** 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

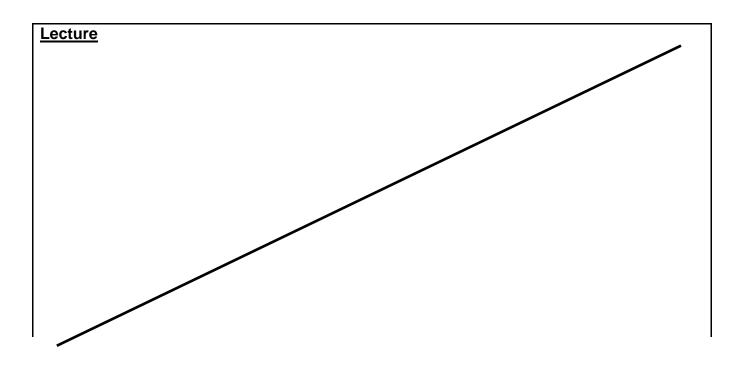
Session Particulars			
#: 14	Title: Continuing PLSQL	Hrs: 2	
	LEARNING OUTCOMES /	ABILITIES GAINED*	
#	Outcome Description		
1	Introducing Packages		
2	Creating Packages		
3	.ducing ExceptionsIntro		
4	Writing Exceptions		

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.

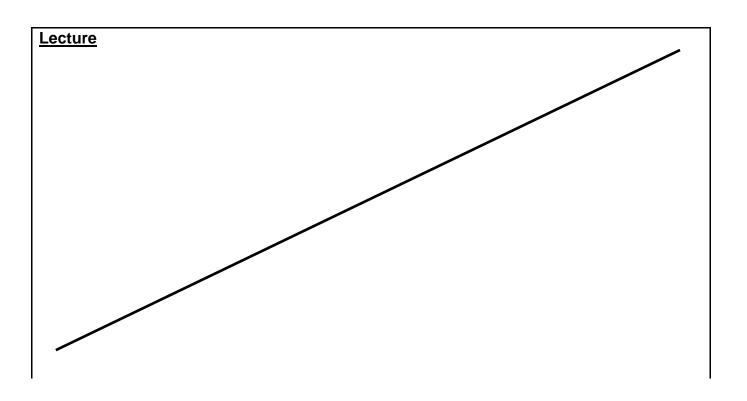
Session Particulars		
#: 15	Title: Final Evaluation.	Hrs: 2
	LEARNING OUTCOMES / ABILITIES GAIN	NED*
#	Outcome Description	
1	Final Project Presentations.	

Designation: Mrs. Name: Sara ELKheshin Sign: Date: 11/7/2010

Approved by

Designation: Dr. Name: Walid AbdelMoez Sign: Date: 11/7/2010

1 of 2



Source Material: Oracle Developer 2000 Tutorial SQL Tutorials. Lab Sheets for each section.

Supplementary Material : Projector, white board.

White Board is used each section As well as the data show for viewing the presentation PowerPoint slides.

Educational Resources : Handouts, presentations, assignments.