

## DBSL Lab Assignment 04

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	Title Unnamed PLISQL code blocks: Use of control
	structure & Expeption handling.
	Problem Statement:
	Consider Tables:
	Borrower (roll-no, date of issue, name of book, status).
	Fne (201) no, dati, amb)
	-Accept 9011-no, name of book from user.
Dining	check the number of days ( From date of 15549)
	- If days are between 15 to 36 then fine
	amount will be Rs 5/day.
	- IF no of days >30, per day fine will be Rs 50
- Askar	e for days less than 30, Rs 5 per day.
	-After submitting the book, status will change
	From I to R.
	- If condition on fine is true, they details
	will be stored in fine table.
	-Also handle the exception by named exception
	handler @ wer defined exception handler.
	outcome & objectives
	> Understand the control structure
	11/2 Understand exception handling in PL/SQL
	Theory related concepts
	Unnamed PLISGL code Hocks:
	The basic unit of code in prison program is block.
	11/2 gntax



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10	DECLARE
	declaration-reviou
	BEGIN
	executable sution
	EXCEPTION
TALLIAN .	exception handling sotion
	END; (das dal or los) MA
	where you to sever, cardor if the
कामा स्ट व	radeclaration section: pusque variables, types, wirsons,
	and local subprograms are defined here
	> Executable section: Procedural + 592 statements
9/2/ 90	are weithen here.
	3) Exception handling section error handling codes
Across an	are weiten here
	C. I. La sala cial una le ma an local de la cial de la
2 11-20 11 3	Conditional Statements in PL/SQL
201-021	1) IF THEN  Syntax IF condition THEN
-1/33/22002 (0/h	Statement Loss
	END IP;
	11) IF THEN ELSE WINDOWS AND
	syntax lastual and banks and
	IF condition THEN statement_lists
	ELSE étatement-list-2
	END = policio lo tratale projectione
	III) OF THEN ELSEIF
	Syntax. 23006 3601 3001 19 63000 AAR
- Sond	IF condition THEN statement list
	FISE IF condition THEN statement-list
	ELSE statementalist
	END It;



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	IN CASE expression, used to control branching logic
	syntax:
	CASE
	WHEN expression THEN statements
	WHEN expression THEN slatements
	a bridge on took forker to the
	ELSE statements.
	END (ASE)
	The state of the s
	Exception handling in PL/SQL:
	> exceptions are errors/warnings in pl/sql program
	27 There are two types of exceptions
•	· predefined exceptions
	ny vier-defined exceptions
	3) predefined exceptions: these are defined by ORACLE
	They corresponds to common son errors.
	4) Wer defined exceptions: there are defined in
	program by wer.
	syntax.
	DECLARE.
	exception mame EXCEPTION.
	BEGIN
	RAISE exeption name
	e d
	EXCEPTION
	WHEN exception name THEN
	action
	END;



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Sipel	Testrases & Outputs
	Attached separate pdf file for test cases &
	output screen shots.
	22 hamolaic (113H) Adulahan M3HW
	Conclusion:
	we have studied about unnamed code-blocks
	f conditional statements in PL/SUL in this
	assignment. Also wed exception handling.
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	in second
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	program by with
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