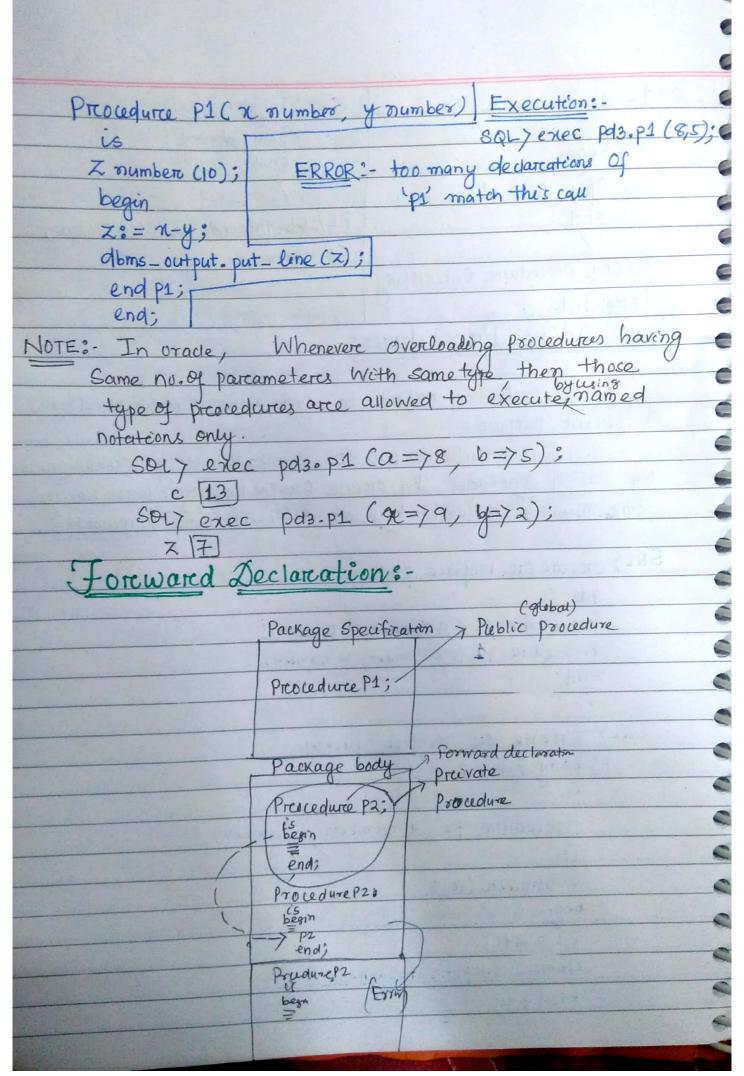
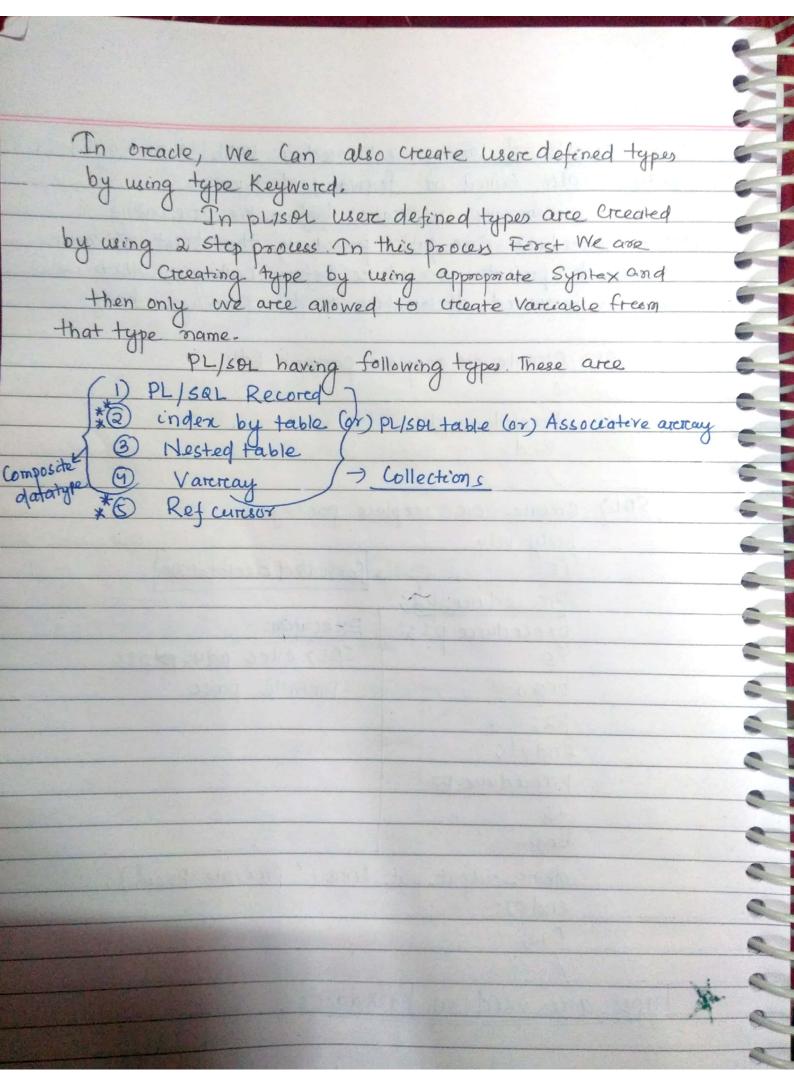


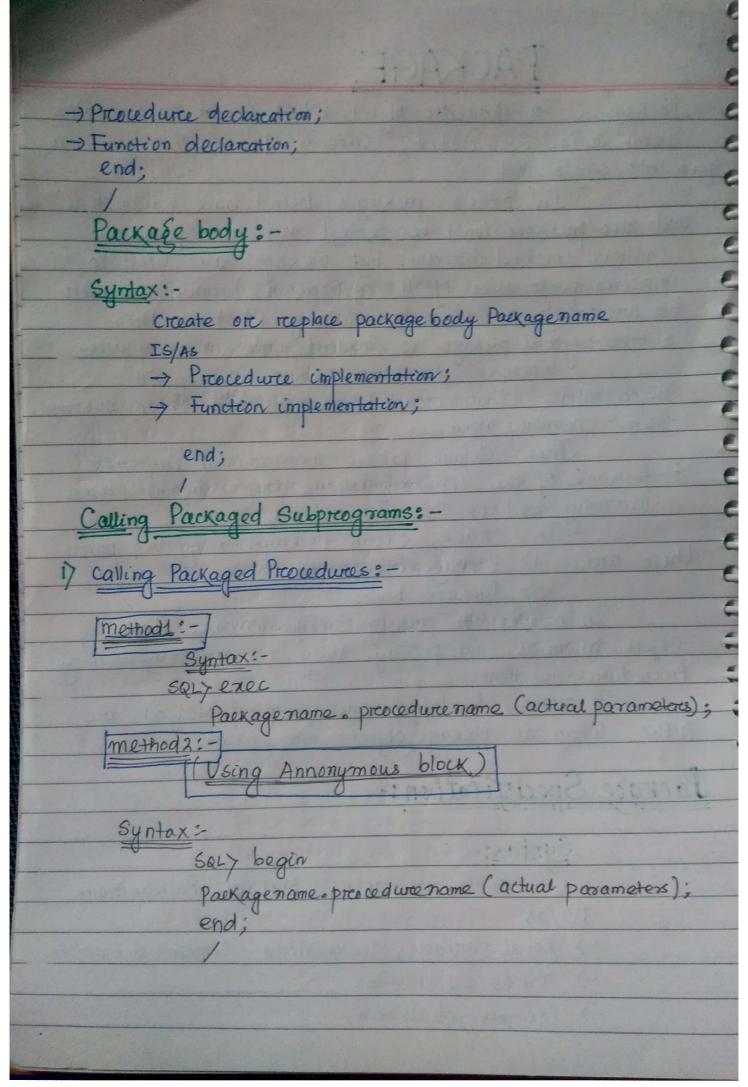
	1 SQL7 begin
end;	Open pola.c1;
CONTRACTOR	end;
SQLY begin	
Open pd2.c1;	PL/SOL preocedure successfaur
end;	
1016	Completed.
PLISOL Procedure Successfully	
Completed.	
Overloading Procedure	25:-
	a varied Co
Overcloading refere	to same name can be used for
different purchase.	The state of the s
In orrade We ar	ce of implementing subpongs
by using packages. In e	reacle Overcloading procedures having
and with	
Some Aumber different typ	oe ore different no. of parcameter
Some number different ty	pe or different no parcameter
Some number different types SOLY create ore replace pack pds is	
SOLY creeate one reeplace pack and is	(age
SOLY crecate ore reeplace pack pd3 is Procedure p1 (a numbe	(age r, b number);
SOLY creeate one reeplace pack and is	(age r, b number);
SOLY crecate ore reeplace pack pd3 is Procedure P1 (a numbe Ptco cedure P1 (1 numbe	r, bnumber);
SOLY creeate ore reeplace pack pds is Procedure p1 (a numbe Preocedure p1 (2 numbe end;	(age r, b number); r, y numbere);
SOLY creeate ore reeplace pack pds is Procedure P1 (a numbe Procedure P1 (2 numbe end; SOLY creeate ore reeplace	(age r, b number); r, y numbere);
SOLY creeate ore reeplace pack pds is Procedure p1 (a numbe Preocedure p1 (2 numbe end;	(age r, b number); r, y numbere);
SOLY creeate ore reeplace pack pds is Procedure p1 (a numbe Procedure p1 (n numbe end; SOLY creeate ore reeplace body Pd3 is	(age r, b number); r, y numberc); package
SOLY creeate one reeplace pack pds is Procedure P1 (a number Preocedure P1 (n number end; SOLY creeate one reeplace body Pd3 is Preocedure P1 (a number preocedure P1 (a number preocedure P1 (a number preocedure P1 (a number)	(age r, b number); r, y numberc); package
SOLY creeate one reeplace pack pds is Procedure p1 (a numbe Preocedure p1 (n numbe end; / SOLY creeate one reeplace body pds is Preocedure p1 (a nu is	(age r, b number); r, y numberc); package
SOLY creeate one reeplace pack pds is Procedure p1 (a numbe Preocedure p1 (n numbe end; SOLY creeate one reeplace body pds is Preocedure p1 (a nu is C number (10);	(age r, b number); r, y numberc); package
SOLY creeate one reeplace pack pds is Procedure p1 (a number Preocedure p1 (n number end; SOLY creeate one reeplace body pds is Preocedure p1 (a number (s); begin	(age r, b number); r, y numberc); package
SOLY creeate one reeplace pack pds is Procedure p1 (a number Procedure p1 (x number end; SOLY creeate one reeplace body pds is Procedure p1 (a number (s); begin c:= a+b;	(age r, b number); package mmberc, b number)
SOLY creeate one reeplace pack pds is Procedure p1 (a number Preocedure p1 (n number end; SOLY creeate one reeplace body pds is Preocedure p1 (a number (s); begin	(age r, b number); package mmberc, b number)



In, orcacle declaring a	preocedure With a packaged
body is also called de fo	rewared declareation.
Generally in Otca	de, beforce We are calling
Pricevate presedurce ento public	procedurce, then birst We must
implement preivate preoude	urce before Calling, otherwise
use a forewared declareat	ion within Packaged body.
ex.	
SQLY Ctceate ore teeplas	a package Pd4
is	
Preoceduree p1;	post teast as the second
end;	Maria Sala Maria M
/ / mala	and the second
SOLY creeate one reepl	ale package
body pdy	
is	forward declaration
Procedure p2;	
procedurce p1;	Execution:
Ċs	SOLT enec pay. plp1;
begin	Proivate proc
P2;	
end p1;	
preocedure p2	
is	
begin	
. ,	line (e preivate proc');
end p2;	
end;	
NT /	
Types are used in Pa	ckages:-



04/12/19 PACKAGE Package is a database object Which Conto encapsulates Élobal Varciables, Constants, Cursons, Procedures, Functions, types into single unit In orcacle, packages doesn't have parameters and also packages (an't be nested and also packages can't be invoked directly, but packages also used to improves performance of the application, because whenever We are calling a Packaged & Subpreog. 1st time then automatically total package is leaded into memory arcea. Subpregrams, then oreacle server count those subpregs. from memory area. This default process automatically impresses Performance of the application, because this default process interenally reeduces this Input/output. (In orcacle, every package having two parcts these arce, 1) Package Specification Package body In orcade, it package specification we are declaring Object Whereas, in package body, we are implementing Preocedures, functions In orcacle, by default package specificarimobjects are Public, Where as package objects are preivate. Package Specification: Syntax:create or replace Package Packagename IS/AS -) global varciable, declarations, constant declarations; -) Types declaration; -> Cursores declaration;



= 2) Colling Parkaged Functions:-
2) Calling Packaged functions:
method1:- (Using Select Statement)
Syntax:
SOLY Soloct
package name. function name. Cactual parametera
methoda: - (Using annonymous block): -
Syntax:
SRLY begin
Varename := paekagename function name
end;
Ex:- SQL > Create as
Ex:- SQL) creeate or replace package pil
Procedure P1;
Preocedurce P2; end;
Cinq,
SOLY CHARLE
SQL) Creeate or replace package
boay PJ1
is
Preocedurce p1
LS .
begin
dbms_output.put_line ('my first procedurce');
end p1;
Preocedure P2
is

begin
dbms_output.put_line (emy second procedures);
end P2;
end;
Execution: -
SQL) exec pj1. p1;
my first procedure
SQLY exec pil. P2;
my Second preocedure
In orcacle, all packages information storced under
dba_Objects data dictionary.
Exs-
SQLY Connsys as sysoba;
Enter password: sys
SQLY desc dba-Objects;
SQL) select object_name from
dba-objects
Where object - type = PACKAGE;
In orcade, if you want to view code of the
In orcade, if you want to view code of the Packages then we are using text property from about
data dictionarcies.
Example:
SQLY Conn sys as sysdba;
Entero passwored: sys
SQLY desc dha_source;
SOLY select text from alba-source
Where name = e pul?;
THE PARTY OF THE P

Global Varciables:-In orcacle, global Varciables arce defined in Package specification only. Ex: - Saly creeate on replace package Pia 9 number (10):=1000; presiedurce p1; function f1 (a number) rectum number; end; SQLY creeate one replace package. body Pja EXECUTION:-Preoredure P1 Saly exec pia. P1; is Z number (10); SOLY select pj2.f1(8) begin fram dual; 8000 dbms - output. put_line(z); end p1; tunction f1 (a number) recturn number is begin return a*g; endf1; end;