| 22/9/26  |
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| Task 7: PL/Pal Porocechune Function and  |
| logra  |
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| Aim:   |
| Aim: To implement PLASQL polocechous,  |
| Functions and doops  |
| Sample P1/59/2 porogram (static input):  |
| DECLARE  |
| DECLARE  message VAROHAR 2(20): = Booking closel   |
| BEGIN dbm 3_output. put_line (mersage);  |
| E ND)  |
| /  |
| output:  |
| Noted  |
| booking of pumaraic input)   |
| conditional statement ( Dymannic input)  |
| DECLARE hid NUMBER (3): = 100;   |
| BEGIN  |
| dems_oulpul. Pulline ('value of hid is 10');   |
| I me allow. Putiling   |
| ELSEIF Chid 2 2001 line (value of hid is 20)   |
| ELSE IF Chid = 30) THEN  ELSE IF Chid = 30) THEN  about 5 value of his is 30')  about 5 value of his is 30') |
| dbms. output. put line ( vact &  |
| ELSE ams - output. Aut - line ('Non e of the value is matching!)   |
| d pm & - output.   |
| END IF;  doms - output. Put - line ('Exact value of hid is: 'Illid)'   |
| doms - output. Put - 11th hid is! 11+1d)   |
|  |
| EUN;   |
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|  |

None of the value is matching output: Exact value of hid is 100 3. Nested Loops Example: DECLARE hid NUMBER CI); oid NUMBER CI); BEGIN 22 outer - 1 001 )) dbms - output. put - line ('hid is: Ilhid! FOR old IN 1.. 3 LOOP 1 and oid is "lloid END LOOP inner-Loop; END LOOP outer-Loop; END; output: in: I and oid is: 1 hid : 1 and oid is. 2 Ì nid : 1 and oid in: 2 do hi d Jn: 2 and oid in: hid in: 2 and old is:2 is: 2 and oid is:3 nid and oid in! hi d 15:3 in: 3 and oid is:2 nid in: 3 and oid in:3 nid nid 4 Porocedure Example CREATE OK REPLACE PROCEDURE, booking state ( Cid IN NUMBER) 15 BEGIN C-id) 200 THEN dbms - output. Put - line ('No bookin) IF available ?

dbms\_output. Put \_line ('Booking open); END; Execution: BEGILN booking - Status (100); booking - Status (250); END; oul put? Book ing open No booking available PLIPQL PROCEdure for loop Example 1: using WHILE Loop with Curson Prime check using WHILE LOOPS for DECLARE CURSOR pat \_ aun 19 BELECT patient-id FROM patient; P-id Patient Patient-id 7. TYPE; i NUMBER ; flag NUMBER ; BEMIN OPEN part\_ our; FETCH Pal- aur INTO P-id; WHILE PON \_ OUND LOOP flag := 0! FOR IN 2...P-id /2 LOOP IF MOD CP-Id & I)= O THEN flag :=1; END LOOPS IF;

Example 2: wing FOR LOOP JOST (1905) N prime Patient IDS DECLARE n Number := 10; Count NUMBER := 0; I NUMBER := 2 J NUMBER : flag NOMBER; BEMIN WHILE COUNT EN LOOP flag 1 =0 FOR J IN 2 .. 1/2 LOOP IF NOP CIJJ = O THEN flag:=1: EXIT END IF END LOOP: IF flag = 0 THEN dbms-output. Put-line ('Parime patient Io! 11 in; COUNT := COUNT + 1; END IF; 1:= 1+1; END LOOP; END ; Result: Thus the PL/PQL Functions and Loops executed successfully