

Bansilal Ramnath Agarwal Charitable Trust's Vishwakarma Institute of Information Technology

Department of Artificial Intelligence and Data Science

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Class: SY Division: B Roll No: 272028

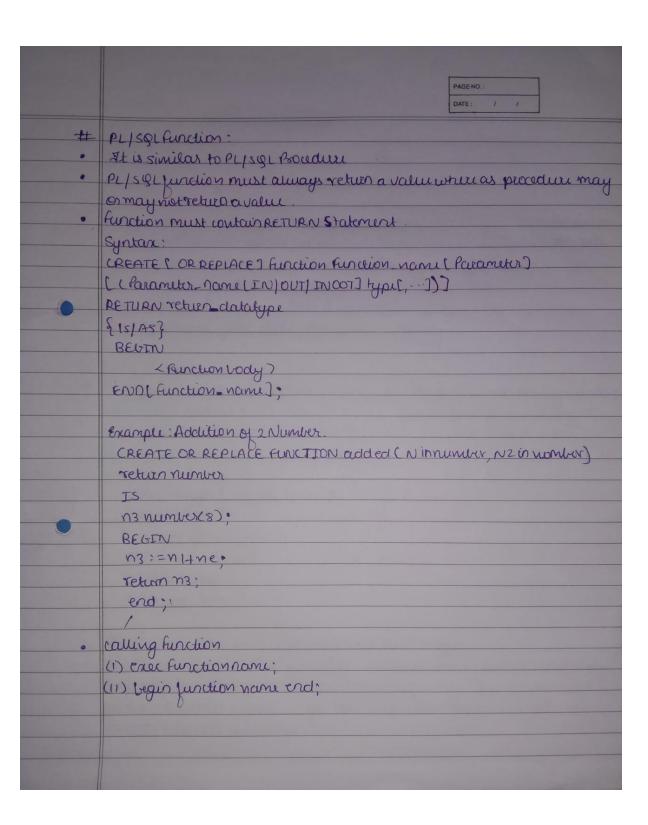
Semester: III Academic Year: 2022-2023

Subject Name & Code: Database Management System: ADUA21204

Title of Assignment: PL/SQL Stored Procedure and Stored Function: Write a PL/SQL procedure to find the number of students ranging from 100-80%, 79-70%, 69-60%, 59-50 & below 49% in each course from the Student_course table given by the procedure as parameter. Student_course (Roll_no, Course, Couse_code, Semester, Total_ Marks, Percentage).

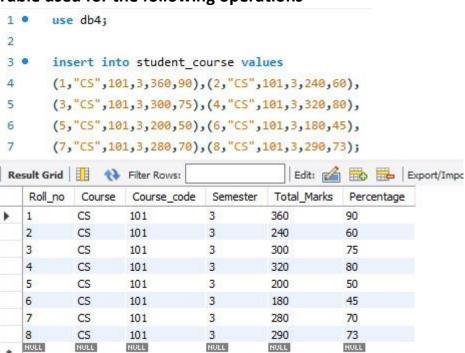
Assignment No.- 05

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	Assignment no = 5
#	PLISQL:
	developed by grace comporation in the 1980's
	It's procedure language exkusion for sign and crache relational database
	Tt's procedure language extension for sign and oracle relational database PL/SIGL is a black structural language that can have multiple block in Pt.
	PYSYL BLOCK Basic syntax.
	DECLARE
	< declaration section>
	BEGIN
	<orallable tommond=""></orallable>
	EXCEPTON
	exception handling >
	END;
	PROCEDURES IN PL/SGI
	It's a named block of statement. It may or may no reform a value.
	Syntan:
	CREATE LOR REPLACET PROCEDURE procedure name.
	Caparameter name (IN 100TINOUT) type(, 7))
9	\$ ISIAS
	[auteration]
	BEGIN
	execution
	[EXCEPTON'
	exception_section]
	exception_section] EN [name of procedure];
	ρ,



Implementation:

Table used for the following operations



Stored Procedure

```
Name: procedure1

DDL:

1 • CREATE DEFINER=`root`@`localhost` PROCEDURE `procedure1`(IN SR INT,IN ER INT,OUT stud INT)

2 ⊖ BEGIN
3 select count(*) INTO stud from student_course where Percentage between SR and ER;

4 END
```

For 80%-100%

For 70%-79%

```
1 set @stud=0; | Result Grid |
2 • call db4.procedure1(70,79,@stud); | @stud |
3 • select @stud; | 3
```

For 60%-69%

```
1 set @stud=0; | Result Grid |
2 • call db4.procedure1(60,69,@stud); | @stud |
3 • select @stud; | 1
```

For 50%-59%

```
1 set @stud=0; | Result Grid |
2 • call db4.procedure1(50,59,@stud); | @stud |
3 • select @stud; | 1
```

For below 49%

