**Experiment: 3.2**

**Student Name:** ADITYA RAJ **UID:** 21BCS8948

**Branch:** CSE **Section/Group:** 703 A

**Semester:** 3rd **Date of Performance:** 07/11/2022

**Subject Name:** DBMS **Subject Code:** 21CSH214

**Aim of the Experiment:** Design a package for the university registrar's office to store the details of students and their results as well.

## Program Code:

CREATE TABLE Students( Rollno INT NOT NULL,

NAME VARCHAR(20) NOT NULL, AGE INT NOT NULL,

Address CHAR (25), res\_Marks INT NOT NULL, PRIMARY KEY (Rollno)

);

INSERT INTO Students (Rollno,NAME,AGE,Address,res\_Marks) VALUES (1, 'Shaw', 20, 'UP', 90 );

INSERT INTO Students (Rollno,NAME,AGE,Address,res\_Marks) VALUES (2, 'Param', 19, 'Delhi', 89 );

INSERT INTO Students (Rollno,NAME,AGE,Address,res\_Marks) VALUES (3, 'Yash', 20, 'Delhi', 88 );

INSERT INTO Students (Rollno,NAME,AGE,Address,res\_Marks) VALUES (4, 'Deepak', 20, 'Mumbai', 88 );

INSERT INTO Students (Rollno,NAME,AGE,Address,res\_Marks) VALUES (5, 'Karan', 20, 'Punjab', 89.5 );

INSERT INTO Students (Rollno,NAME,AGE,Address,res\_Marks)

VALUES (3624, 'Raghav Nagpal', 21, 'Rajasthan', 93.0 ); Select \* from Students;

CREATE OR REPLACE PACKAGE Stud\_info AS

-- Adds a customer

PROCEDURE addStudents(c\_Rollno Students.Rollno%type, c\_name Students.Name%type, c\_age Students.age%type, c\_Address Students.Address%type,

c\_Marks Students.res\_Marks%type);

END Stud\_info;

/

CREATE OR REPLACE PACKAGE BODY Stud\_info AS

PROCEDURE addStudents(c\_Rollno Students.Rollno%type,

c\_name Students.Name%type, c\_age Students.age%type, c\_Address Students.Address%type,

c\_Marks Students.res\_Marks%type) IS

BEGIN

INSERT INTO Students (Rollno,name,age,Address,res\_Marks) VALUES(c\_Rollno, c\_name, c\_age, c\_Address, c\_Marks);

END addStudents;

END Stud\_info;

/

DECLARE

code Students.rollno%type:= 8; BEGIN

Stud\_info.addStudents(7, 'Rajendra', 20, 'Africa', 88); END;

/

--Student's result and it's information Select \* from Students;

drop table students;

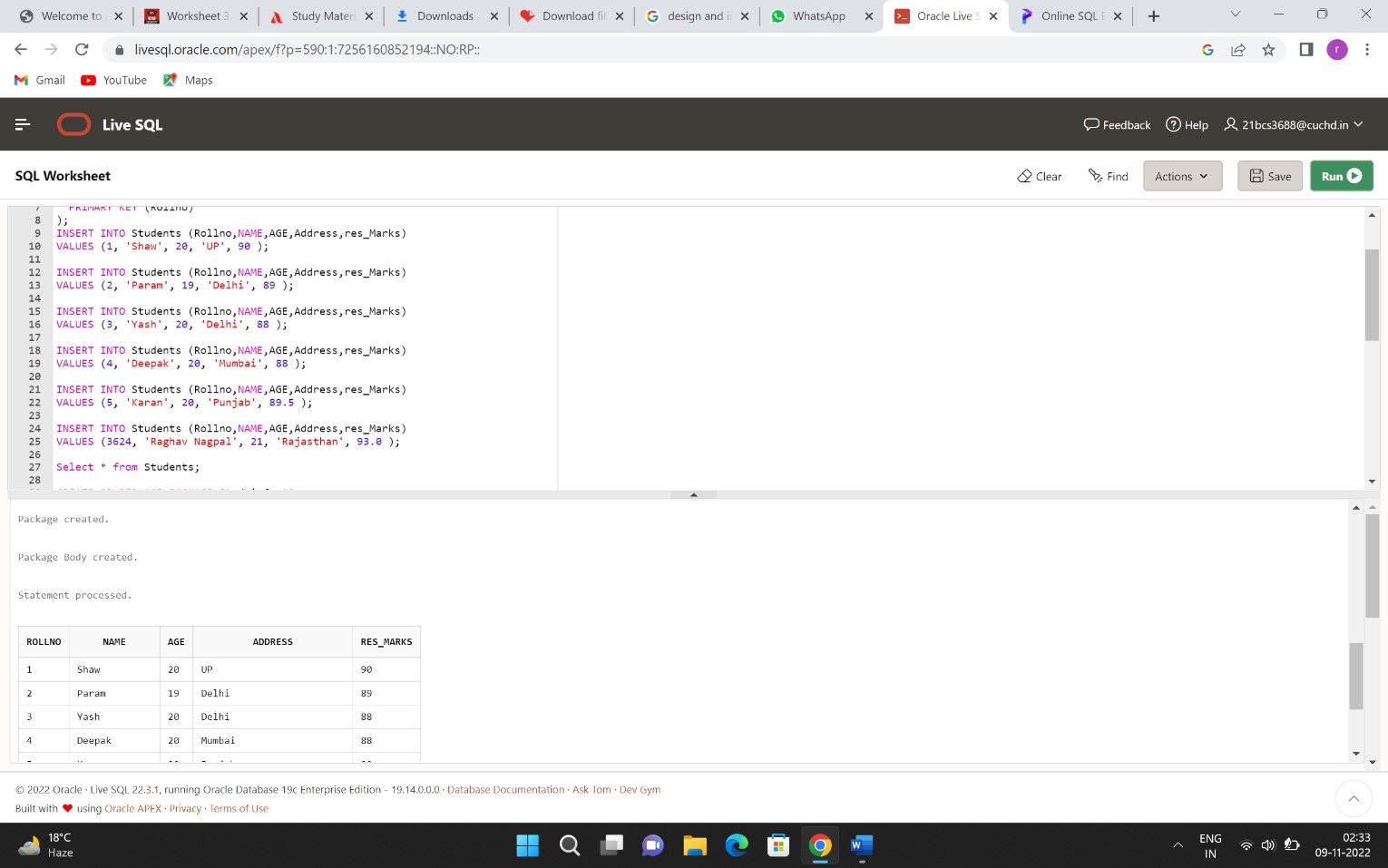
## OUTPUT:

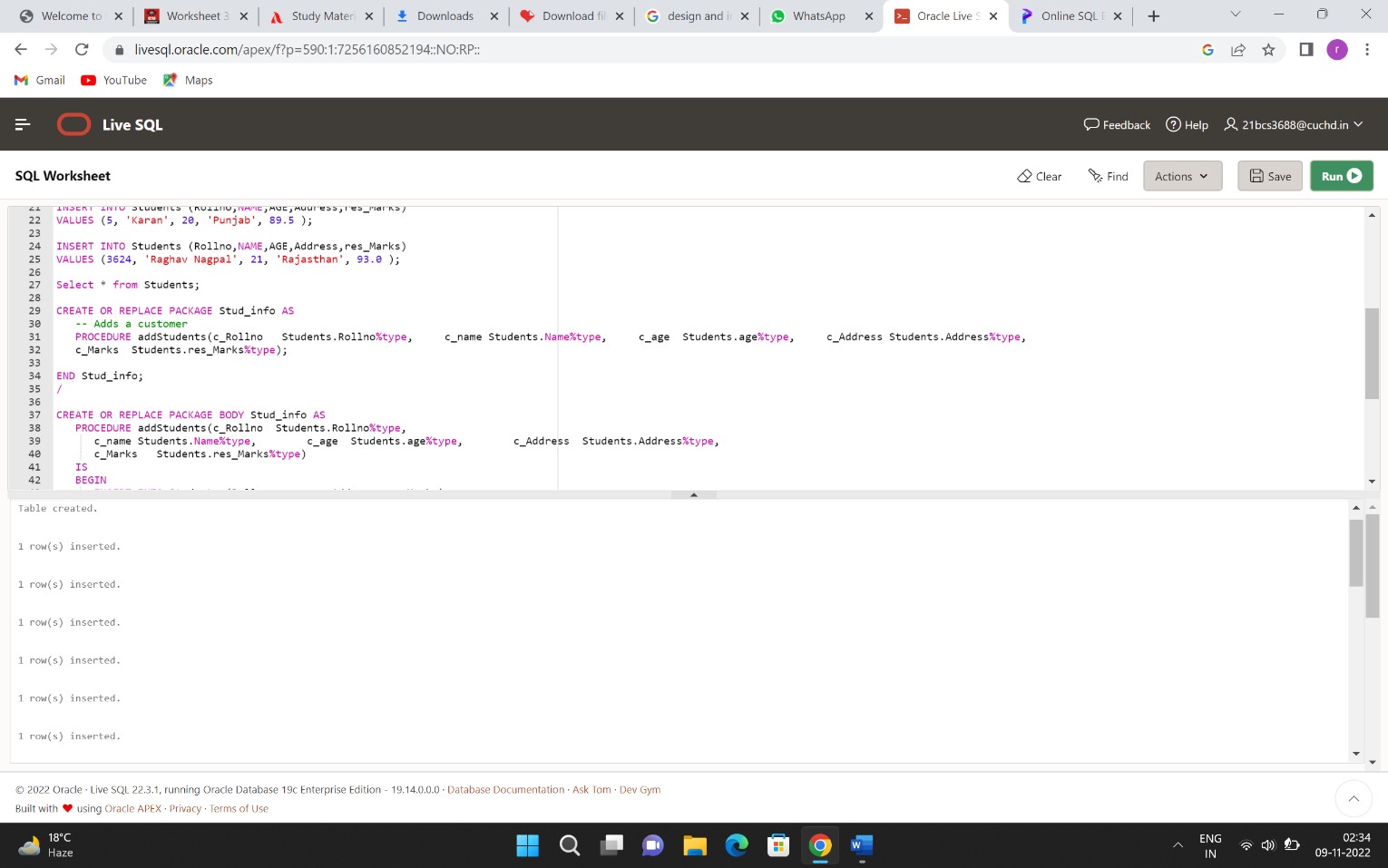
The output of the above program is serializing –

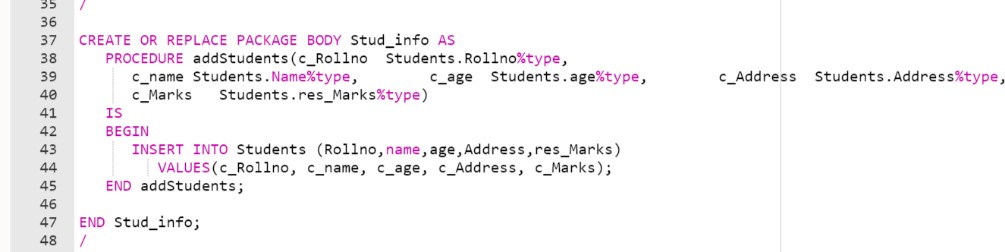
1. Creating the table-

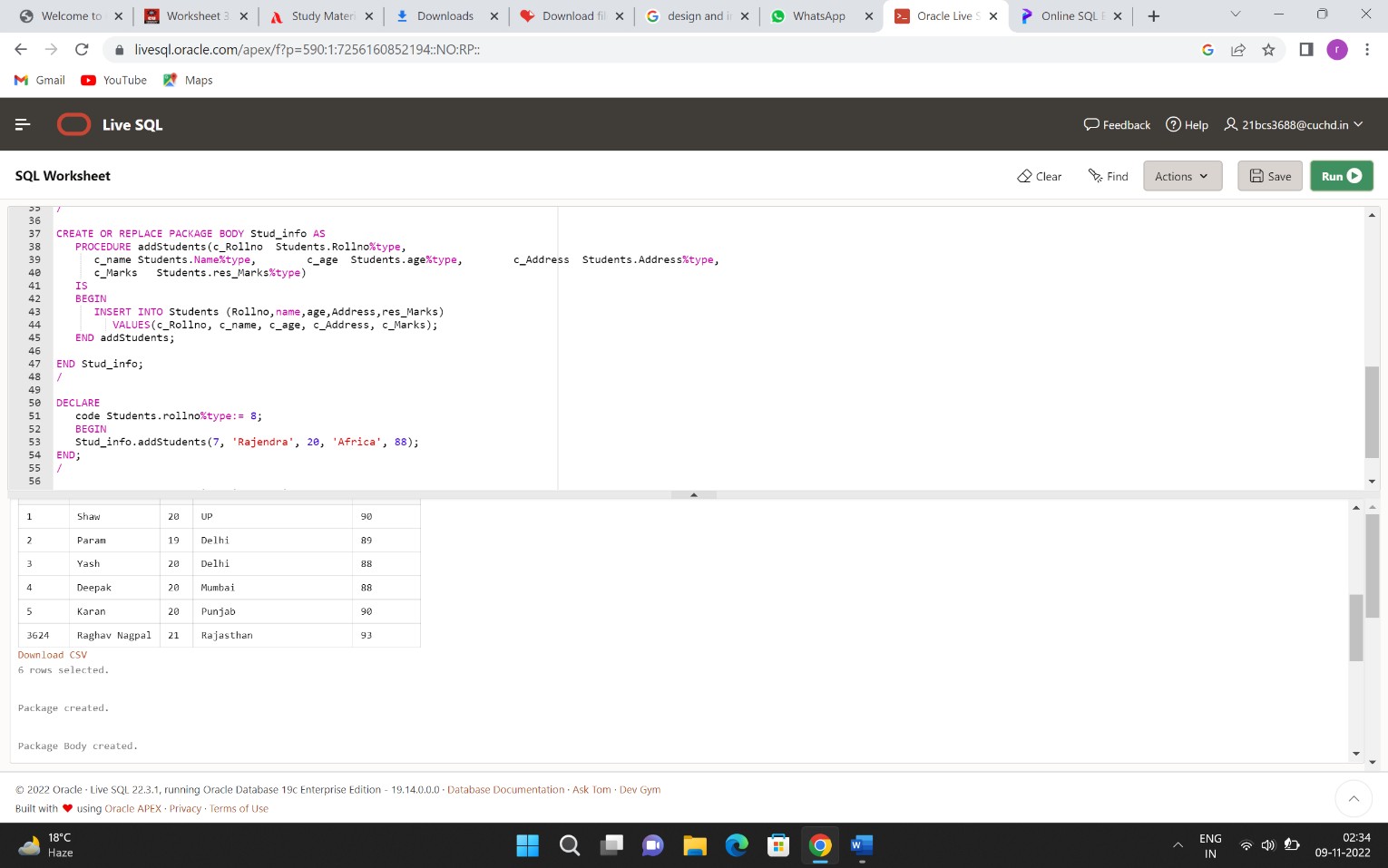


1. Inserting the values in the table-



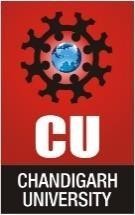


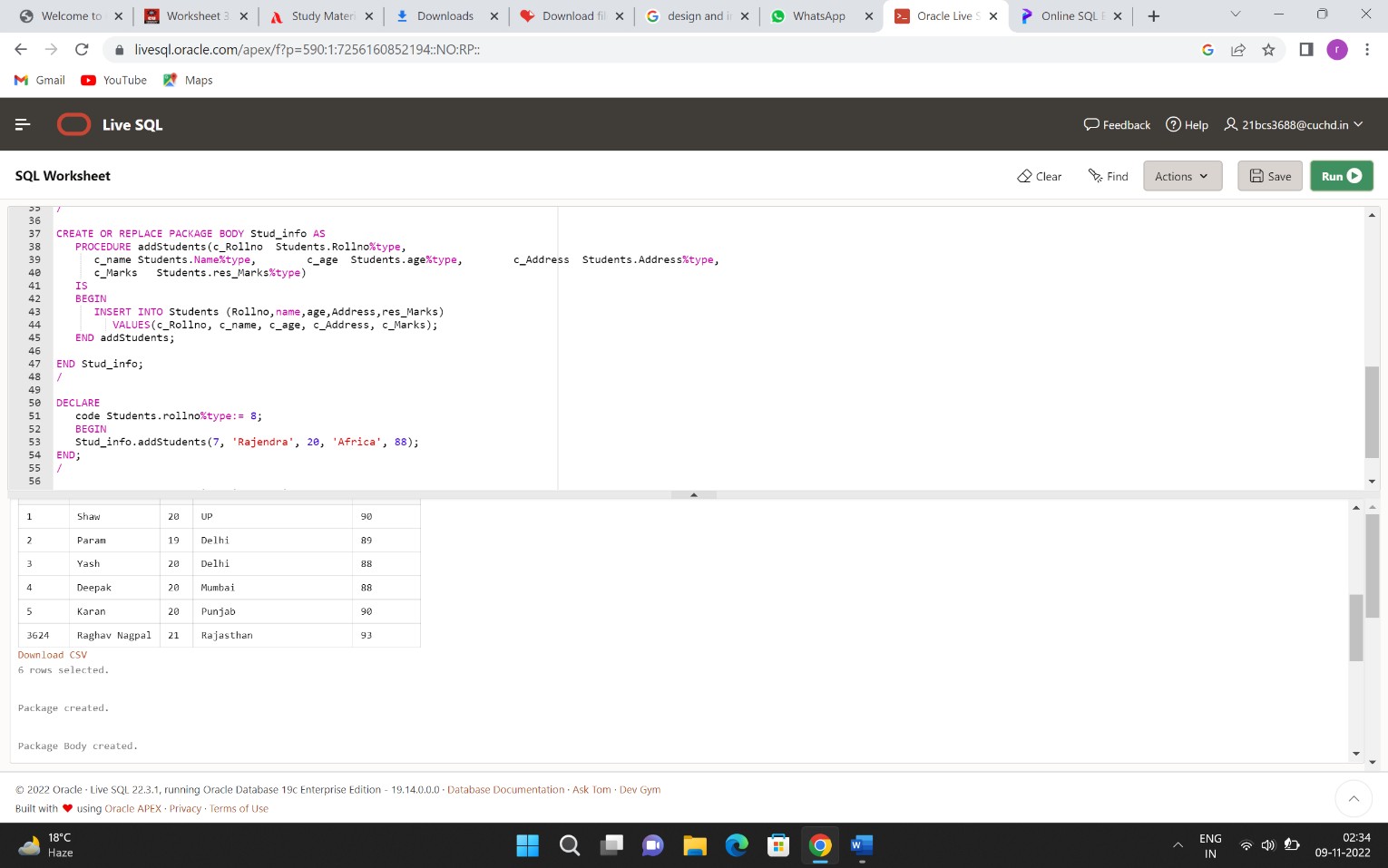
1. Creating a package
2. Creating a package body



1. Updating the package result-

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