A picture containing text, clipart

Description automatically generated**Fatima Jinnah Women University**

Department of Software Engineering

**LAB 10**

**Name:** Raifa Khalid

**Reg. no:** 2020-BSE-024

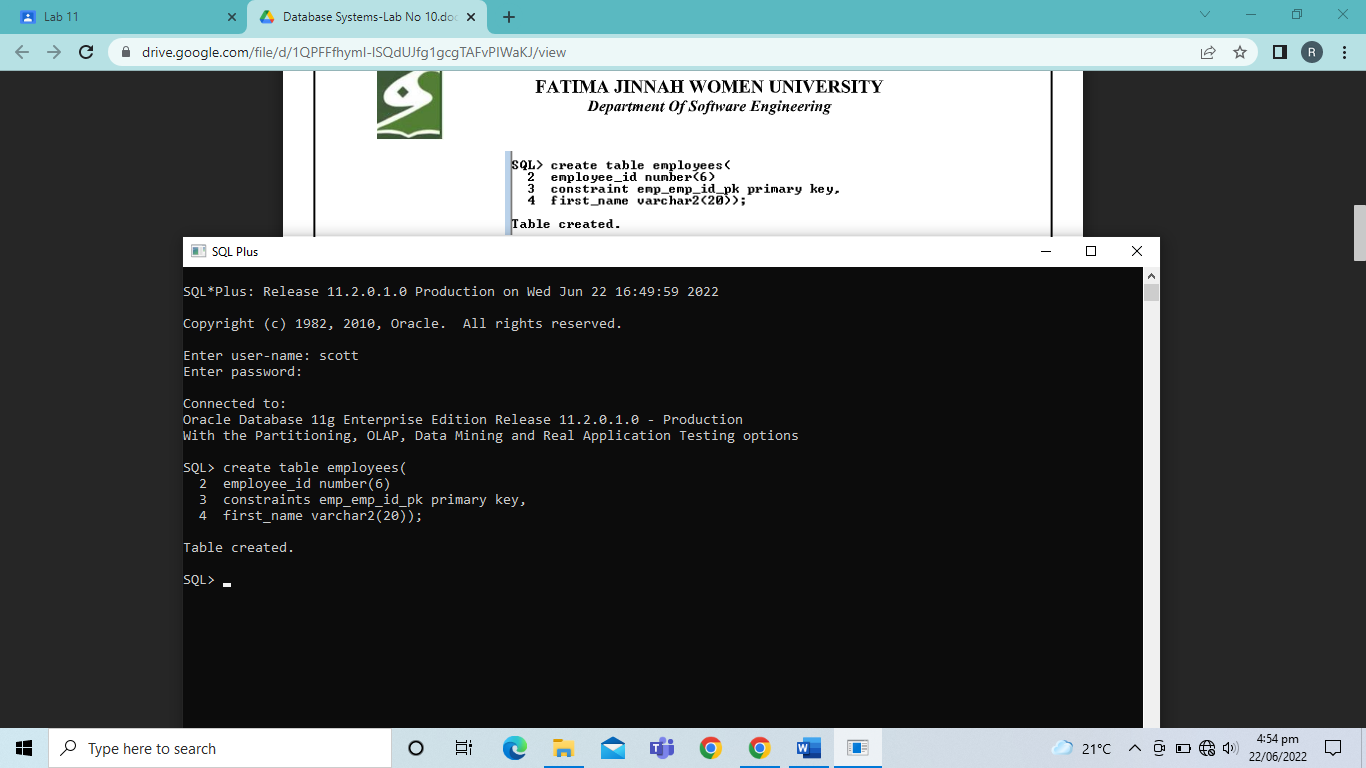
**Section:** A

**Semester:** Fourth

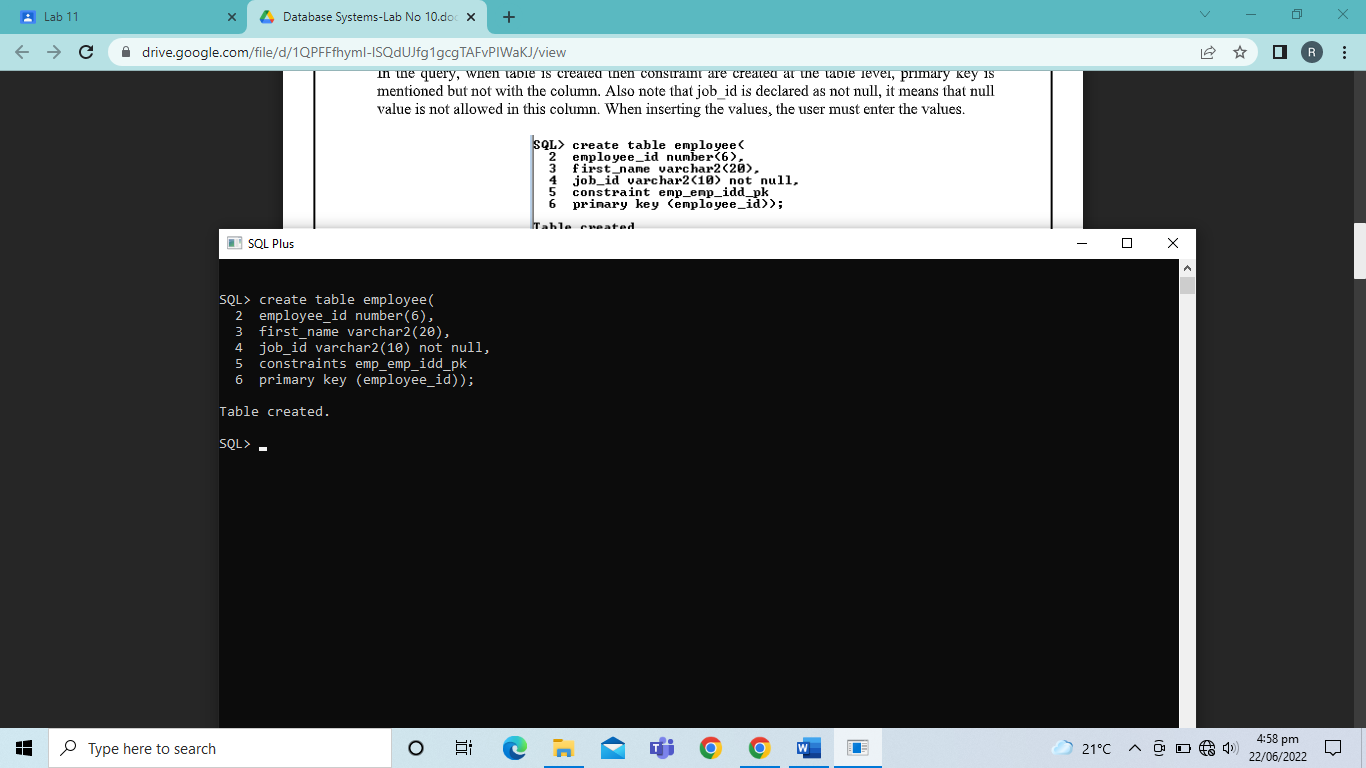
**Course:** Data Base (LAB)

**EXAMPLES:**

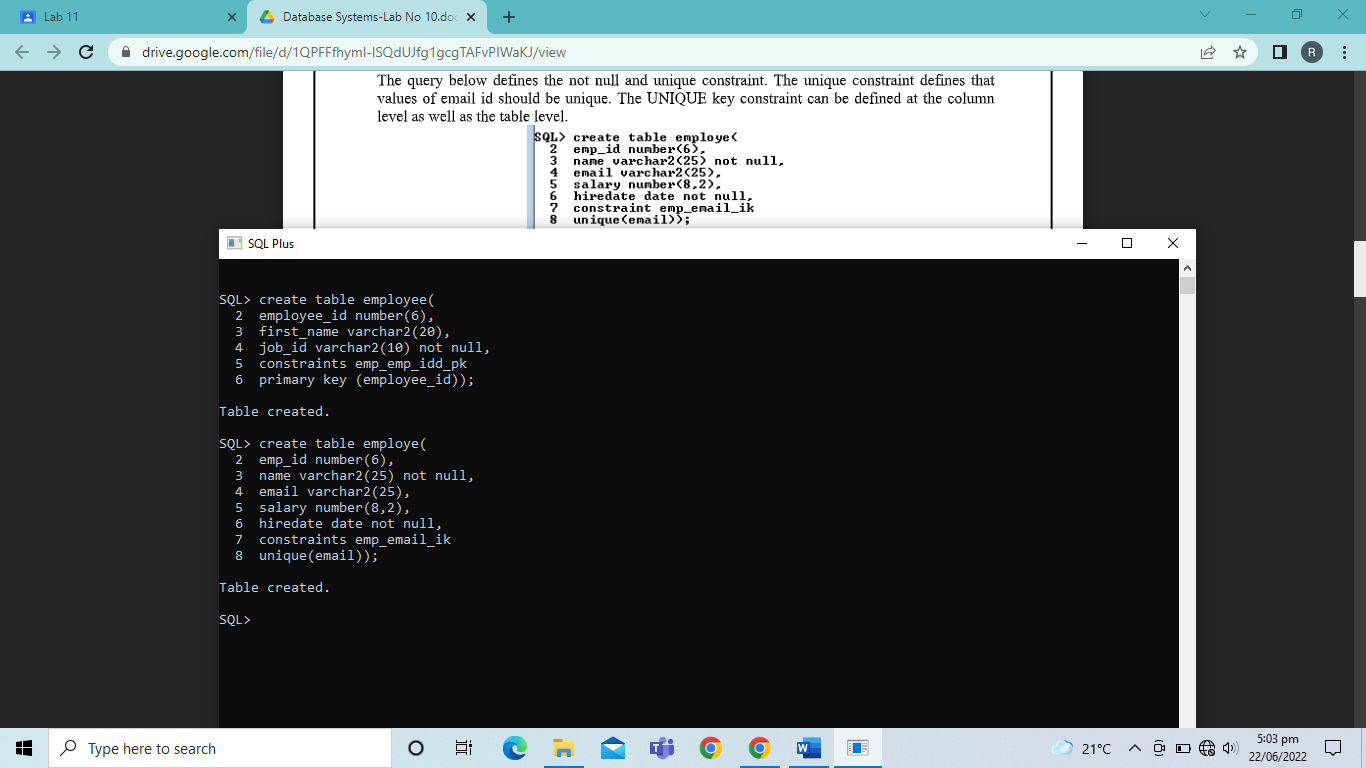
*Primary Key Constraint:*



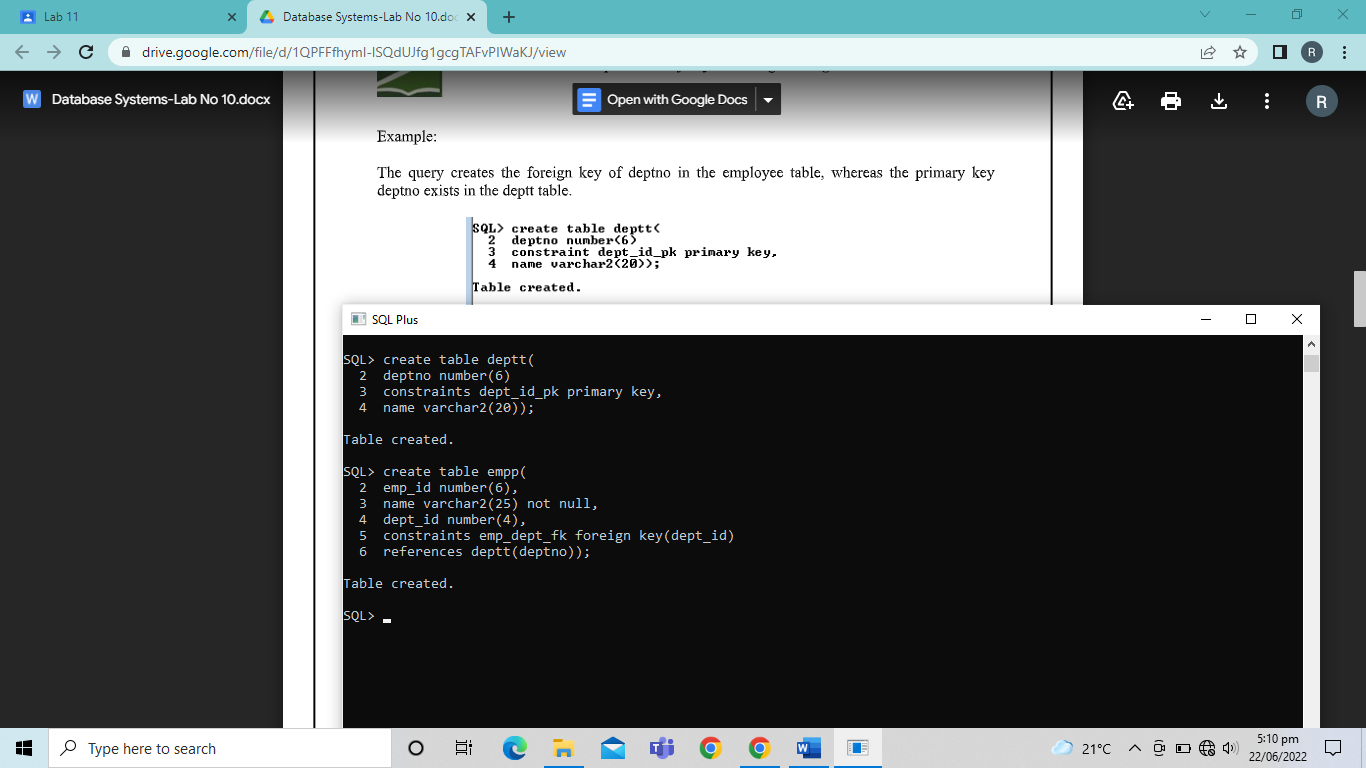
*Not Null Constraint:*



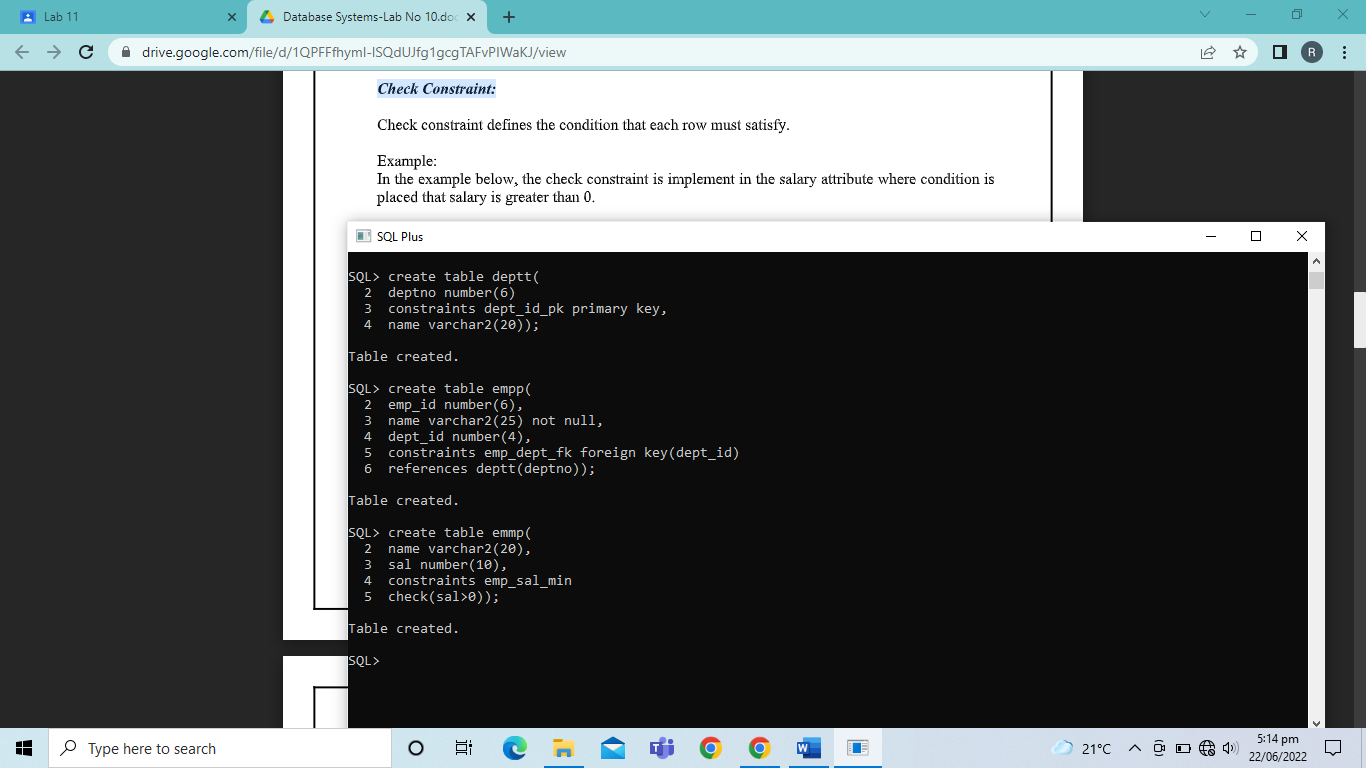
*UNIQUE Constraint:*



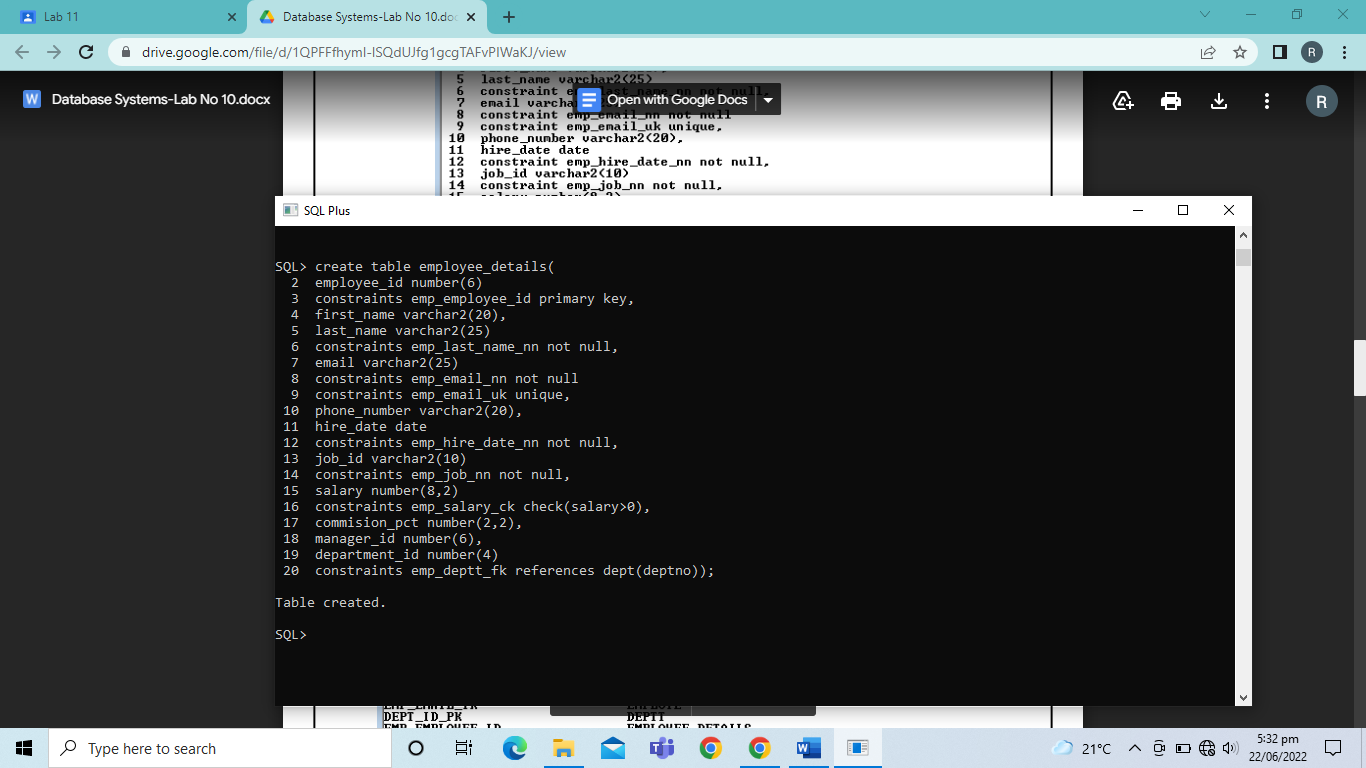
*Foreign Key Constraint:*



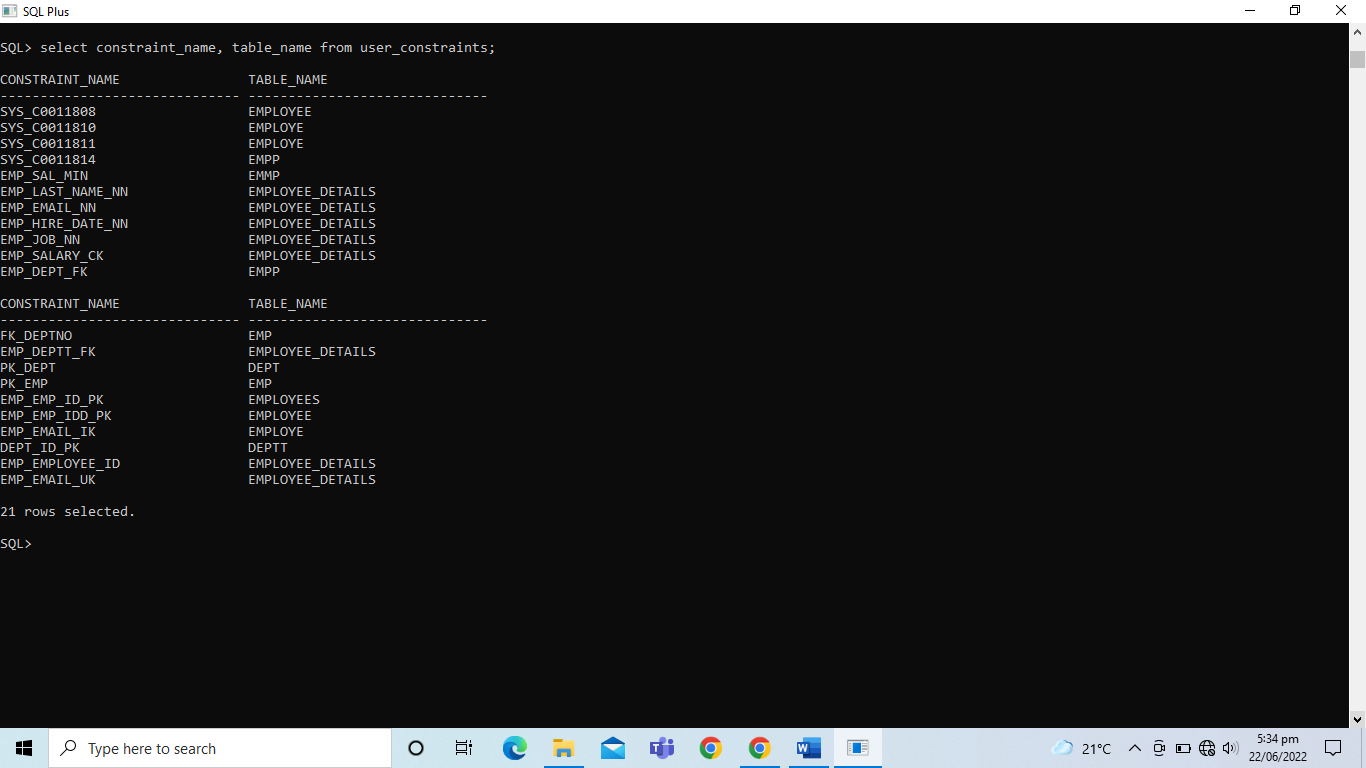
*Check Constraint:*

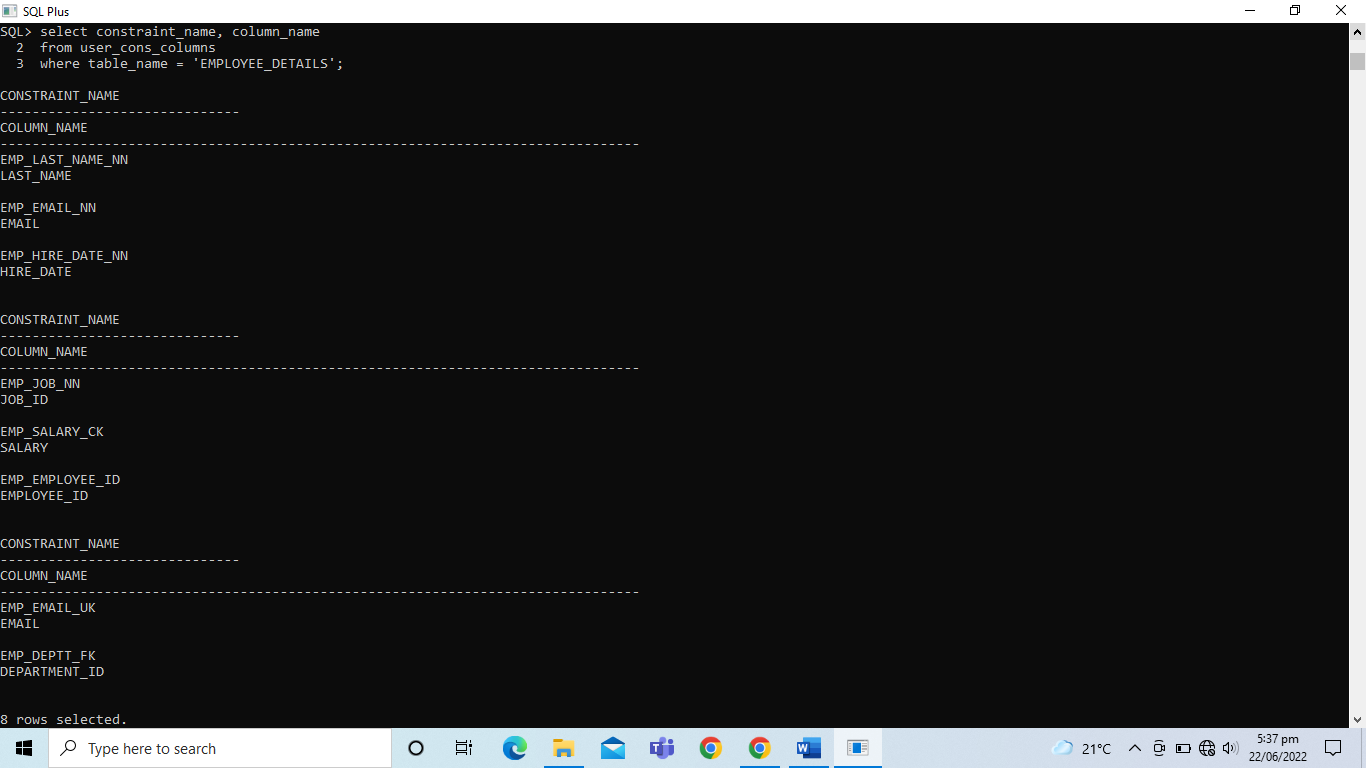


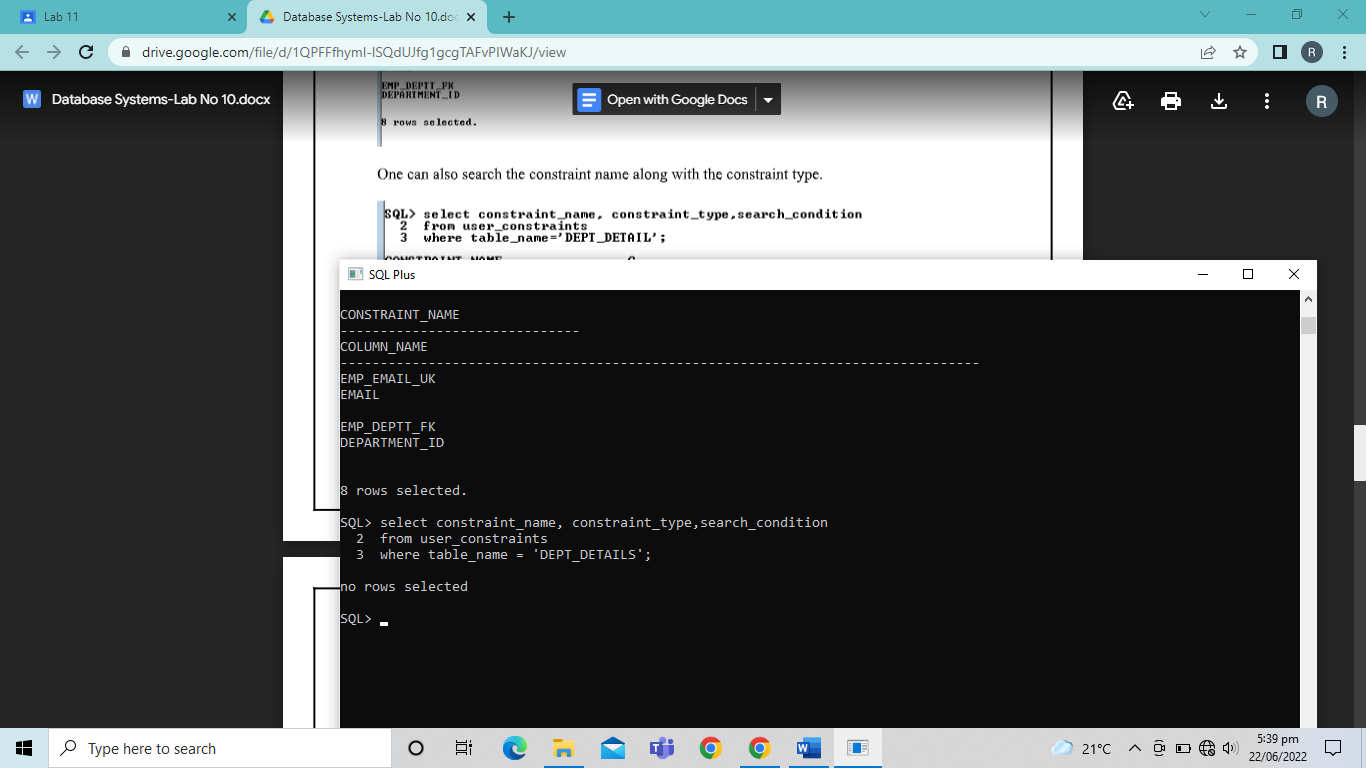
*Example Including All Constraints:*



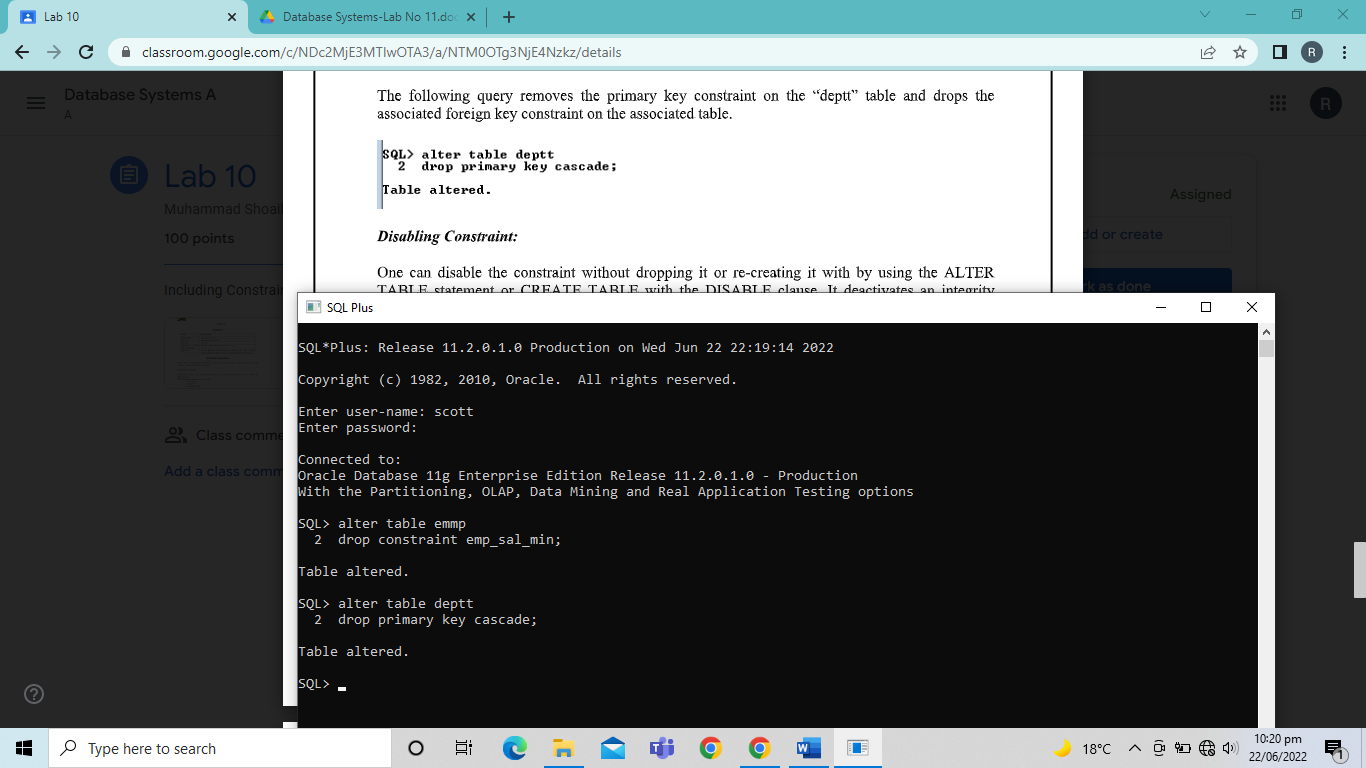
*View Constraint:*





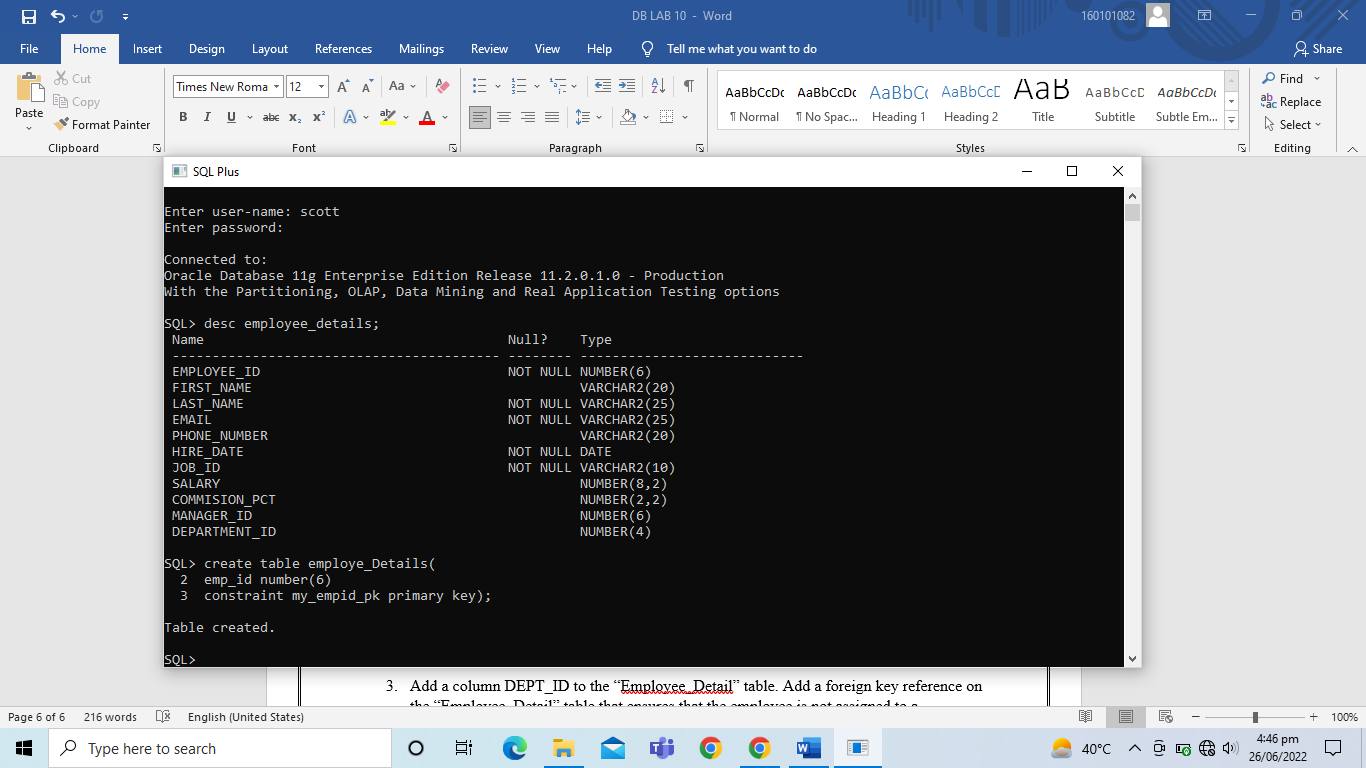


*Dropping Constraint:*

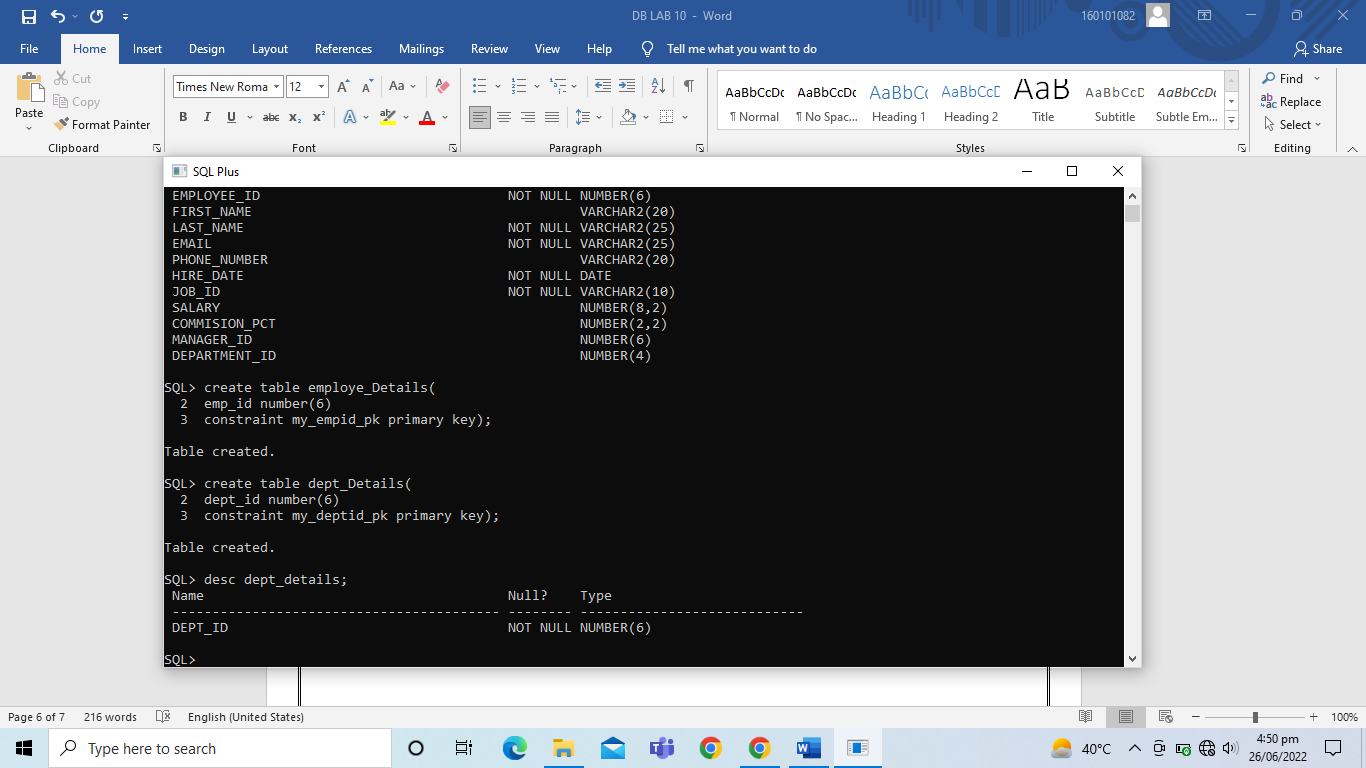


TASKS

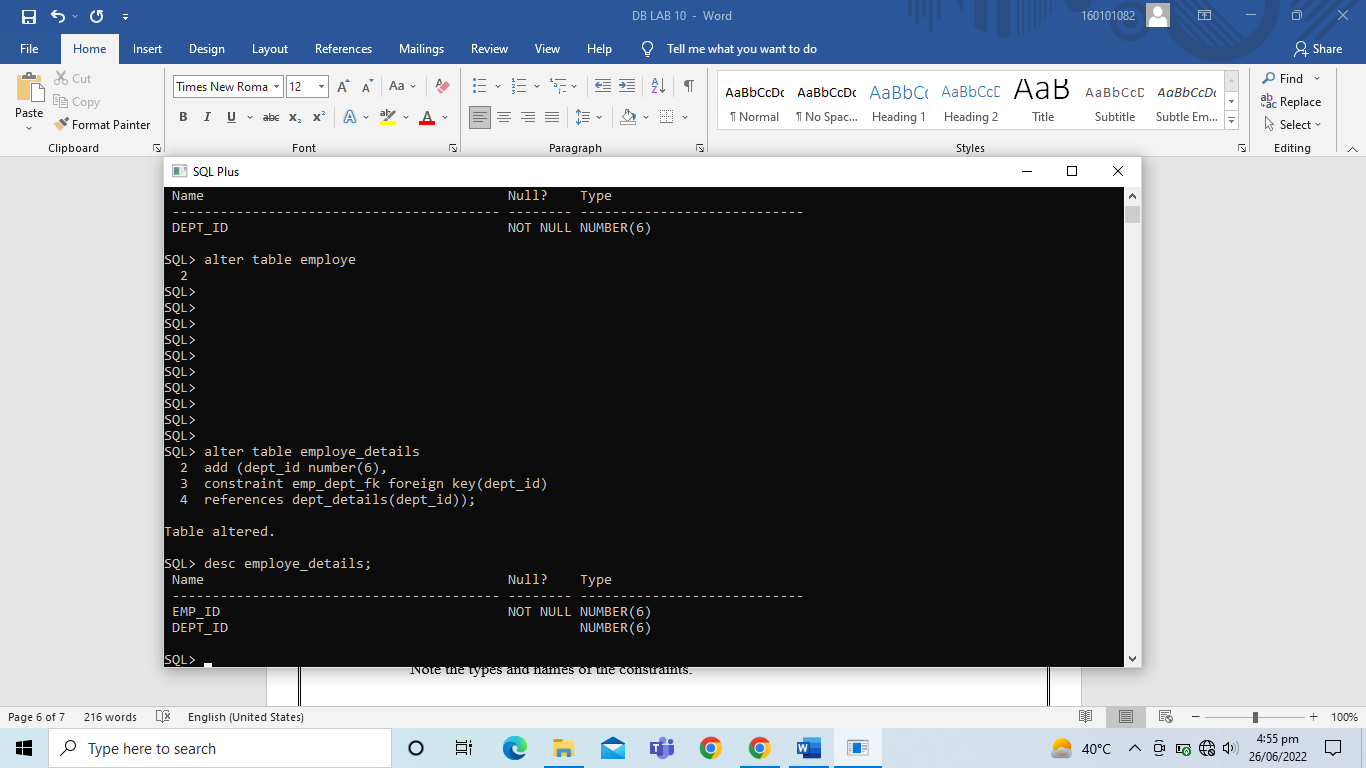
1. Add a table level primary key constraint to the “Employee\_Detail” table on the ID column. The constraint should be named at creation. Name the constraint my\_emp\_id\_pk.



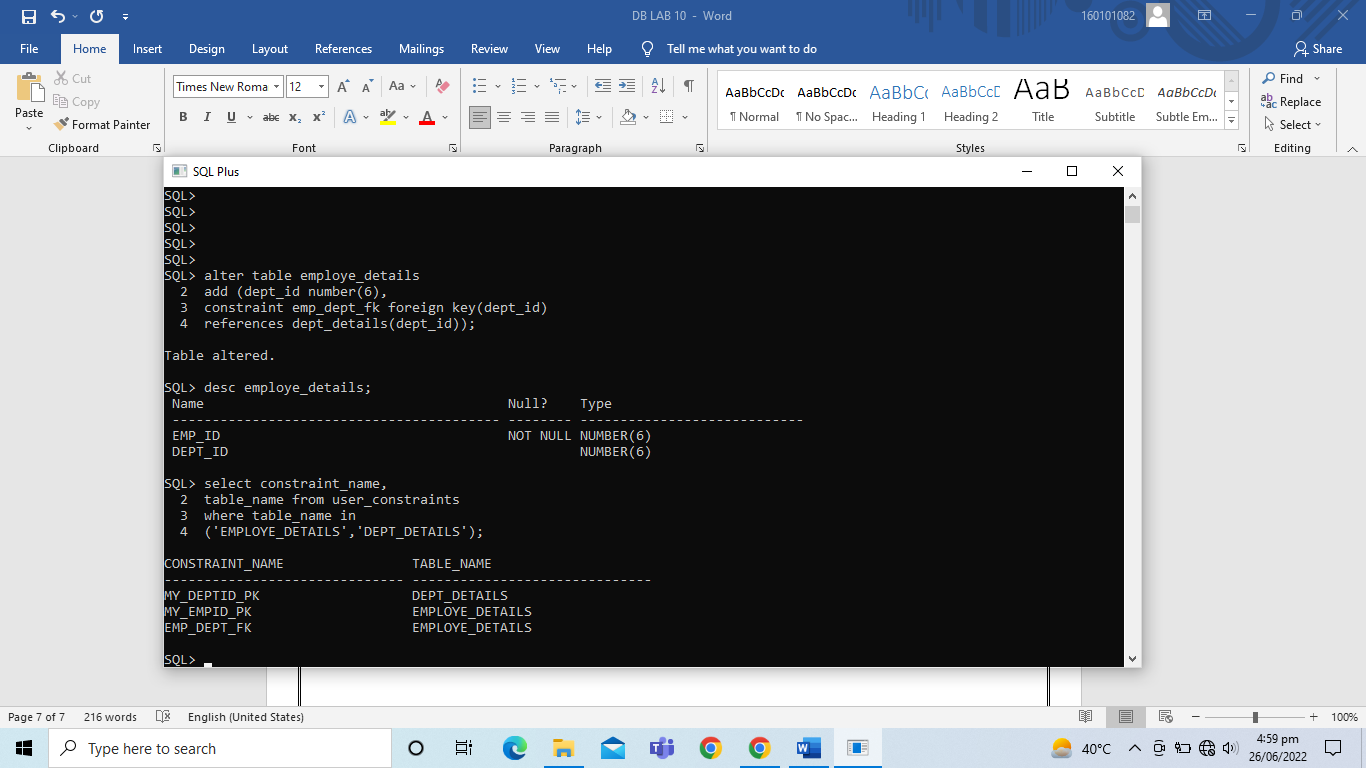
1. Create a PRIMARY KEY constraint to the “DEPT\_DETAIL” table using the ID column. The constraint should be named at creation. Name the constraint my\_deptid\_pk.



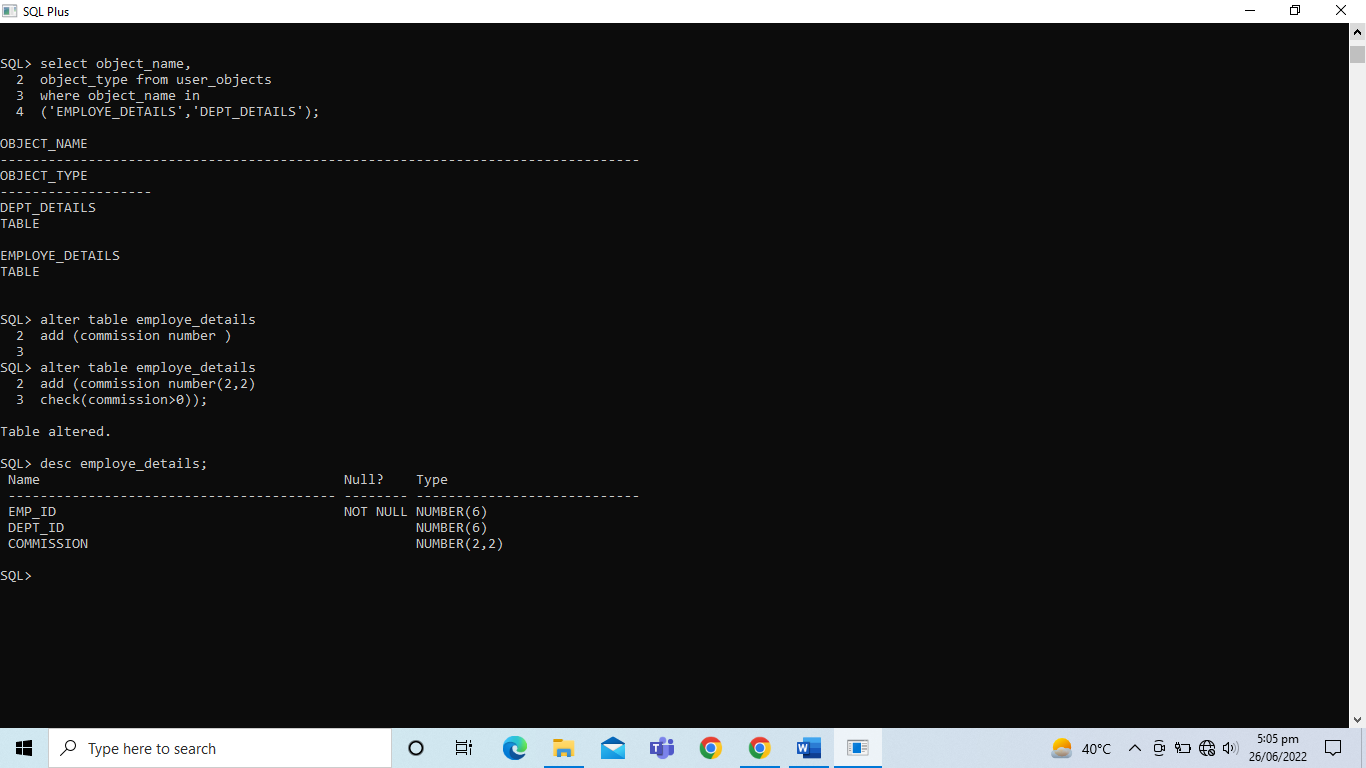
1. Add a column DEPT\_ID to the “Employee\_Detail” table. Add a foreign key reference on the “Employee\_Detail” table that ensures that the employee is not assigned to a nonexistent department. Name the constraint my\_emp\_dept\_id\_fk.



1. Conform that the constraints were added by querying the USER\_CONSTRAINTS view. Note the types and names of the constraints.



1. Display the object names and types from USER\_OBJECTS data dictionary view for the “Employee\_Detail” and “Dept\_Detail” tables. Notice that the new tables and a new index were created.



1. Modify the “Employee\_Detail” table. Add a COMMISION column of NUMBER data type, precision 2, scale 2. Add a constraint to the commission column that ensures that a commission value is greater than zero.

