



INGENIERÍA EN
SISTEMAS
COMPUTACIONALES



TECNOLÓGICO NACIONAL DE MÉXICO

INSTITUTO TECNOLÓGICO DE TIJUANA

SUBDIRECCIÓN ACADÉMICA
DEPARTAMENTO DE SISTEMAS Y COMPUTACION
SCA-1025SC5B

CARRERA

Ingeniería Sistemas Computacionales

MATERIA

Taller de Bases de Datos

TÍTULO

T6

UNIDAD

1

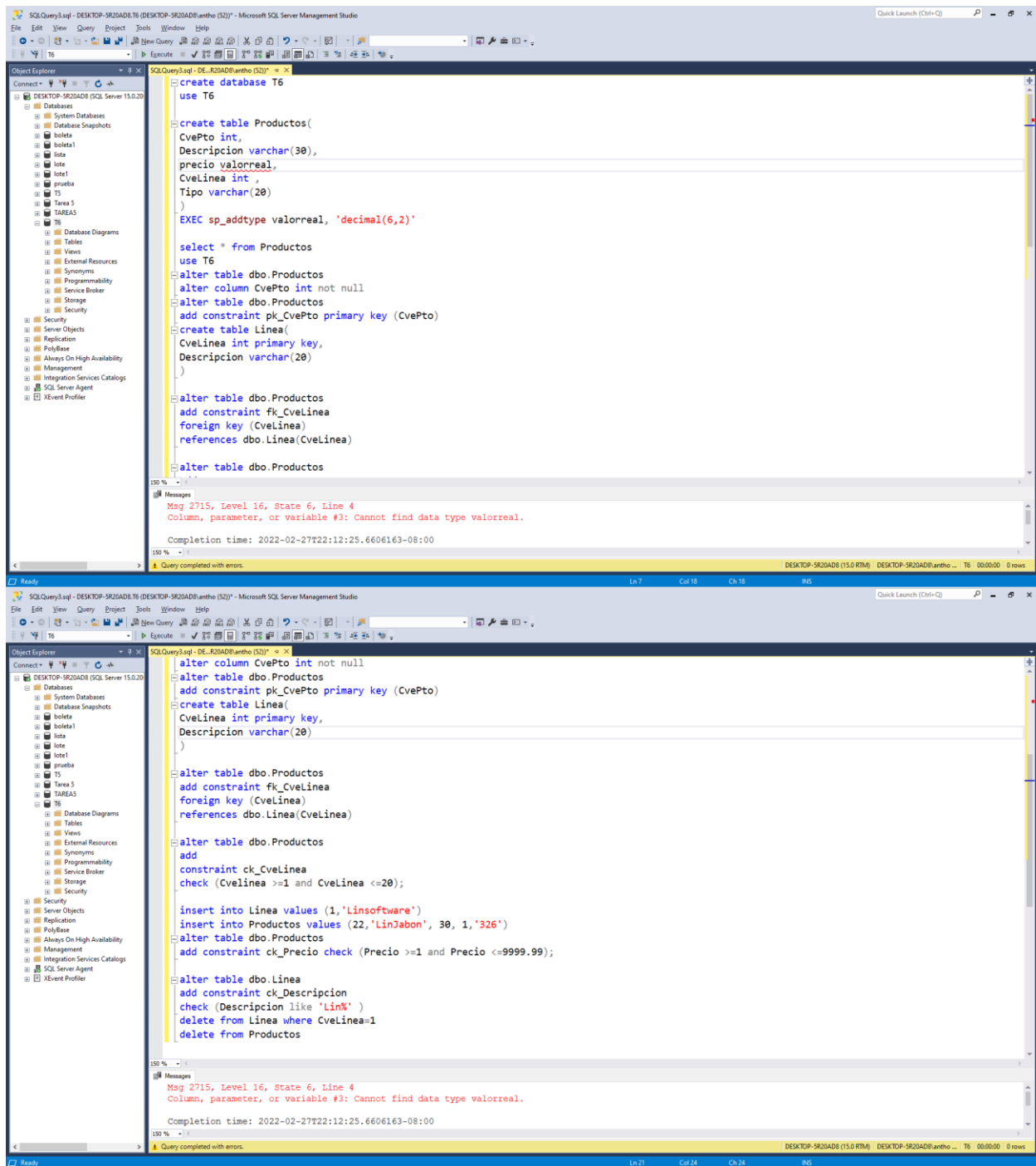
ALUMNO(S) Y NO. DE CONTROL

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DOCENTE

Mc. Margarita Ramírez Ramírez

Codigo de la base de datos



The image displays two screenshots of the Microsoft SQL Server Enterprise Manager interface, showing the execution of SQL scripts in the SQL Query window.

Top Screenshot: The script defines a database 'T6' and creates two tables: 'Productos' and 'Linea'. The 'Productos' table has columns 'CvePto' (int), 'Descripcion' (varchar(30)), 'precio' (decimal(6,2)), 'CveLinea' (int), and 'Tipo' (varchar(20)). The 'Linea' table has columns 'CveLinea' (int) and 'Descripcion' (varchar(20)). Constraints include a primary key on 'CvePto' in 'Productos' and a foreign key 'fk_CveLinea' in 'Productos' referencing 'CveLinea' in 'Linea'. An error message is displayed: "Msg 2715, Level 16, State 6, Line 4 Column, parameter, or variable #3: Cannot find data type valorreal." The completion time is 2022-02-27T22:12:25.6606163-08:00.

Bottom Screenshot: The script continues with altering the 'Productos' table to add a primary key constraint 'pk_CvePto' on 'CvePto'. It then creates the 'Linea' table with a primary key on 'CveLinea'. The script also adds a foreign key constraint 'fk_CveLinea' in 'Productos' referencing 'CveLinea' in 'Linea'. It adds a check constraint 'ck_CveLinea' in 'Productos' to ensure 'CveLinea' is greater than or equal to 1 and less than or equal to 20. The script inserts data into the 'Linea' table: 'LinSoftware' and 'LinJabon'. It also inserts data into the 'Productos' table: 'LinJabon' with a price of 30 and a type of '326'. The script adds a check constraint 'ck_Precio' in 'Productos' to ensure 'Precio' is greater than or equal to 1 and less than or equal to 9999.99. It also adds a check constraint 'ck_Descripcion' in 'Linea' to ensure 'Descripcion' starts with 'Lin'. Finally, it deletes records from 'Linea' where 'CveLinea' is 1 and from 'Productos'. The same error message is displayed: "Msg 2715, Level 16, State 6, Line 4 Column, parameter, or variable #3: Cannot find data type valorreal." The completion time is 2022-02-27T22:12:25.6606163-08:00.