Complete the following tasks using DDL & DML commands, NOT THE GUI in the Microsoft SQL Server Management Studio. SHOW YOUR WORK!

Name: T.S.

1. Create a sequence for populating the Customer# column of the DB1.CASTEEL.CUSTOMERS table. When setting the start and increment values, keep in mind that data already exists in this table. The options should be set to not cycle the values and not cache any values, and no minimum or maximum values should be declared.

Sequence Goes Here.

CREATE SEQUENCE customers\_seq

INCREMENT by 1

START with 10

NO CACHE

NO MINVALUE

NO MAXVALUE

NO CYCLE;

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1. Add a new customer row to the DB1.CASTEEL.CUSTOMERS table by using the sequence created in Question 1. The only data currently available for the customer is as follows:

* last name = Shoulders
* first name = Frank
* zip = 23567

Query Goes Here.

insert into casteel.customers

(customer#, LastName,FirstName, Zip)

VALUES( NEXT VALUE FOR customers\_seq, 'Shoulders', 'Frank', 2356 )

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1. Create a sequence that generates integers starting with the value 5. Each value should be three less than the previous value generated. The lowest possible value should be 0, and the sequence shouldn’t be allowed to cycle. Name the sequence MY\_FIRST\_SEQ.

Sequence Goes Here.

CREATE SEQUENCE My\_First\_seq

INCREMENT by -3

START with 5

MINVALUE 0

MAXVALUE 5

NO CYCLE;

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1. Issue a SELECT statement that displays NEXTVAL for MY\_FIRST\_SEQ three times. What causes the error on the third SELECT?

Select Goes Here. select NEXT VALUE FOR my\_first\_seq

Graphical user interface, text, application, email

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Select Goes Here. select NEXT VALUE FOR my\_first\_seq

Graphical user interface, text, application

Description automatically generated

Select Goes Here. select NEXT VALUE FOR my\_first\_seq

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1. Change the setting of MY\_FIRST\_SEQ so that the minimum value that can be generated is –1000.

Alter Sequence Goes Here.

ALTER SEQUENCE my\_first\_seq

MINVALUE -1000;

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