Christian D. Rosado Arroyo

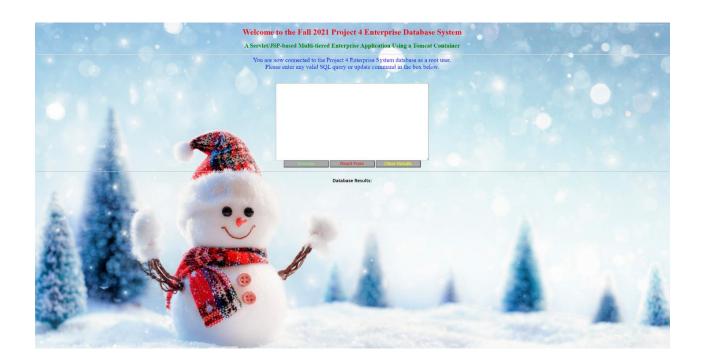
Professor Llewellyn

CNT 4714 Fall 2021

Due 2 Dec 2021

Non-Bonus Version

#Initial Page:



Command 1: Query: list the supplier number and supplier name for those suppliers who ship every part.



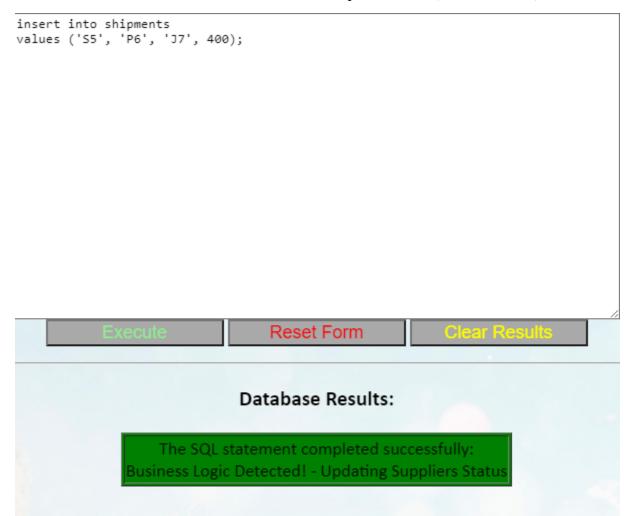
Command 2 is a multi-part sequence that will trigger the business logic.

Command 2A: Query: list all supplier information.



The second part performs the update and causes the business logic to trigger.

Command 2B: add a new record to shipments table (S5, P6, J7, 400)



Command 2C: list all supplier information.

Execute Reset Form Clear Regules

Database Results:

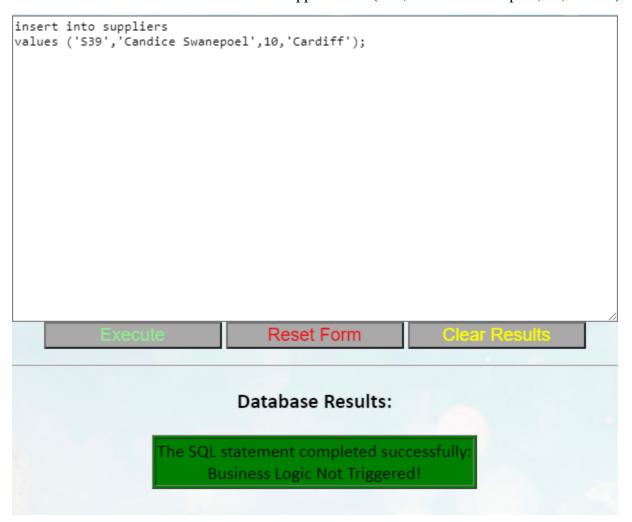
| | snum | sname | status | city |
|--|------|----------------------|--------|------------|
| | S1 | Michael Schumacher | 6 | Berlin |
| | S10 | David Coulthard | 2 | London |
| | S11 | Bernard Hinault | 7 | Paris |
| | S12 | Eddy Merckx | 6 | Brussels |
| | S13 | Candice Swanepoel | 3 | Cape Town |
| | S14 | Adriana Lima | 4 | Sao Paulo |
| | S15 | Jennifer Lawrence | 6 | Owensboro |
| | S16 | Fernando Alonso | 4 | Madrid |
| | S17 | Rubens Barichello | 8 | Sao Paulo |
| | S18 | Tom Boonen | 2 | Brussels |
| | S19 | Johan Messeuw | 1 | Eekloo |
| | S2 | Juan Pablo Montoya | 4 | Interlagos |
| | S20 | Danilo Rossi | 2 | Milan |
| | S21 | Lizzie Armistead | 6 | Hempstead |
| | S22 | Jan Ullrich | 10 | Bonn |
| | S3 | Dietrich Thurau | 6 | Berlin |
| | S32 | Bernd Schnieder | 2 | Berlin |
| | S33 | Rolf Aldag | 3 | Berlin |
| | S4 | Mark Webber | 5 | Melbourne |
| | S44 | Beryl Burton | 9 | London |
| | S5 | Jenson Button | 9 | London |
| | S56 | Marianne Vos | 8 | Zandvoort |
| | S6 | Nicola Gianniberti | 7 | Milan |
| | S7 | Christian Albers | 3 | Orlando |
| | S8 | Giancarlo Fisichella | 3 | Milan |
| | S9 | Kimi Rikonnen | 2 | Helsinki |

Command 3 is a multi-part that does not cause the business logic to trigger

Command 3A list all supplier information



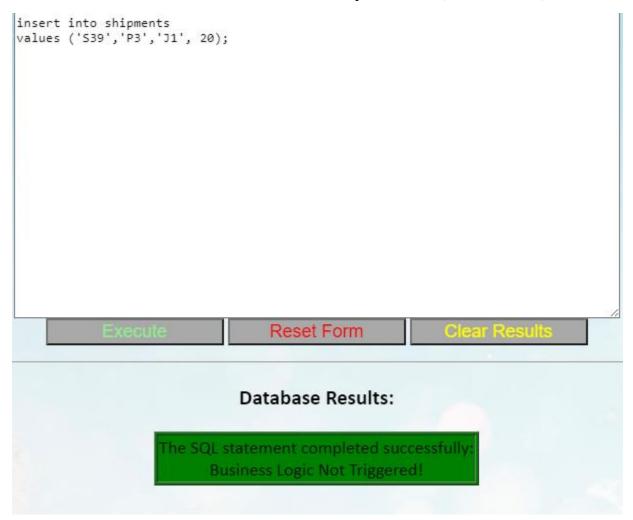
Command 3B: add a new record to the supplier table (S39, Candice Swanepoel, 10, Cardiff)



Command 3C: list all supplier information.



Command 3D: add a new record to shipments table (S39, P3, J1, 20)

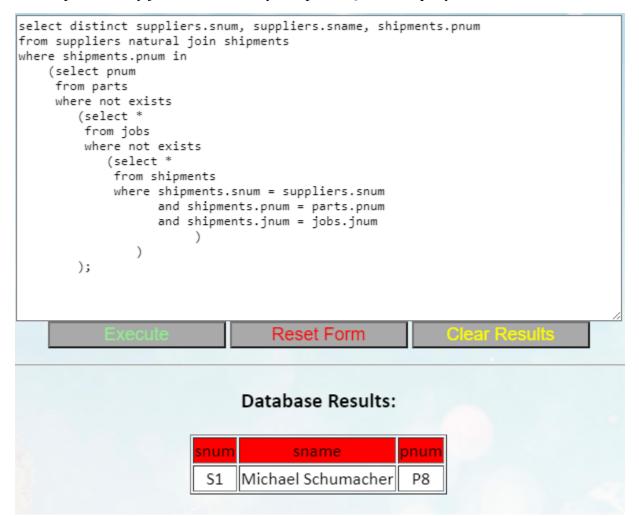


Command 3E: list all supplier information



Command 4: List the snum, sname, and pnum for those suppliers who ship the

same part to every job. This is a fairly complex SQL nested query.



Command 5 is a multipart transaction that will cause the business logic to trigger

Command 5A: List all supplier information

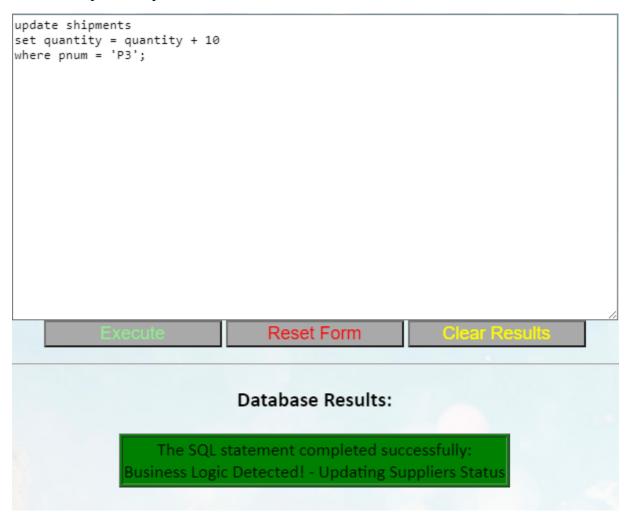


Command 5B: List all shipment information



Command 5C: Update the shipments table by increasing the quantity by 10 every

shipment of part P3.



Command 5D: List all shipment information



Command 5E: List all supplier information



S7

S8

Christian Albers

Giancarlo Fisichella

Kimi Rikonnen

3

3

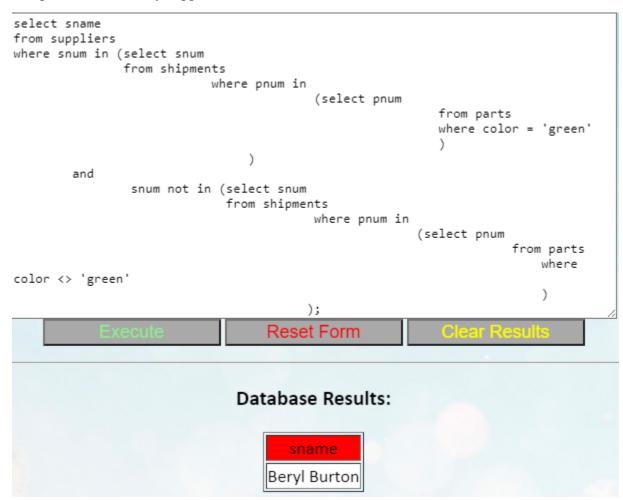
Orlando

Milan

Helsinki

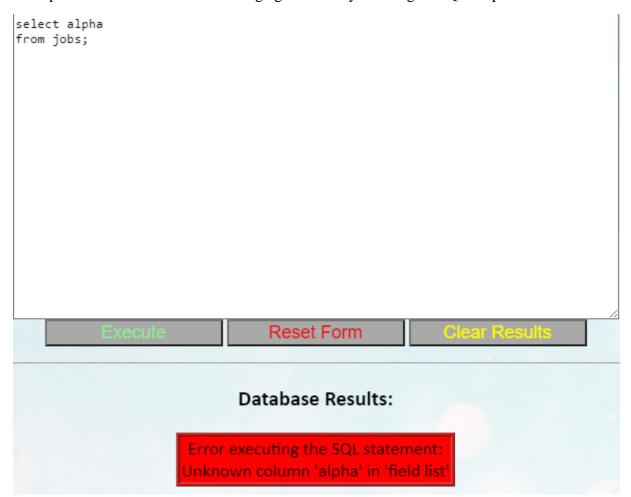
Command 6: List the snum, and sname for those suppliers who ship only green parts.

Output should list only supplier number S44

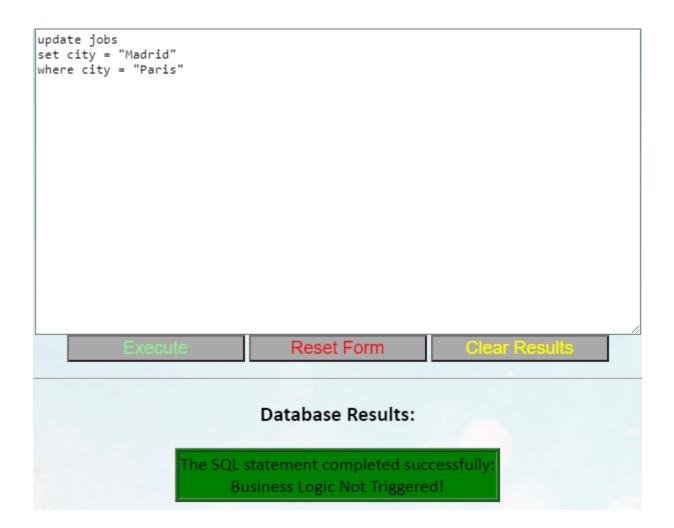


Command 7: This will generate an intentional error in command syntax.

Output should show the error message generated by catching an SQLEception



- # Command 8: This will not trigger the business logic.
- # Output should show the message indicating that the business logic has not triggered

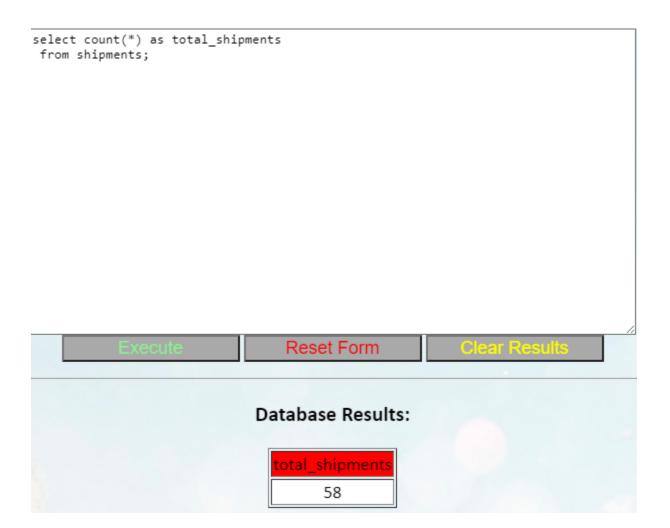


Command 9: Verify that command #8 did in fact update the jobs table



Command 10: This is a basic select command using an aggregation operator

Business logic not triggered and no table is updated.



#Web-Apps Project 4 Folder View:

