

PLSQL

Name: \_\_\_\_\_

Practice

Class: \_\_\_\_\_

Exception

Date: \_\_\_\_\_

Create the following tables:

GRIESMAYER_PRODUCT			
PRODUCT_ID	PRODUCT_NAME	PIECES_ON_STOCK	ACTUAL_PRICE
1	Monitor	5	170.00
2	Keyboard	0	19.90

GRIESMAYER_CUSTOMER		
CUSTOMER_ID	CUSTOMER_NAME	CASH
10	Franz	100.00
11	Susi	200.00

GRIESMAYER_ORDER			
ORDER_ID	PRODUCT_ID	CUSTOMER_ID	ORDER_STATUS
1000	1	10	D
1001	2	10	D

Create the following PLSQL function:

GRIESMAYER\_ORDER(PRODUCT\_ID, CUSTOMER\_ID)

Use your own lastname!!!

The function implements the businesslogic to order:

1 piece

of the product with the PRODUCT\_ID

for the customer with the CUSTOMER\_ID

Check if the PRODUCT\_ID exists. If not return an exception.

Check if the CUSTOMER\_ID exists. If not return an exception.

The order number should be returned (SEQUENCE).

Add also a new record to the GRIESMAYER\_ORDER table.

# Product



~~4~~ 1  
~~5~~ Pieces  
Monitor  
170€



2  
Ø Pieces  
Keyboard  
19,90€

# Customer



10  
Franz  
100€



~~30€~~ 11  
~~200€~~ Susi

GRIESMAYER-ORDER(PID, CID)

GRIESMAYER-ORDER (1, 10)

↳ Fehler

GRIESMAYER-ORDER (1, 11)

↳ order-id ... sequence

GRIESMAYER-ORDER (2, 11)

↳ Fehler