

ADDB7311

# ADVANCED DATABASES

Ryan Millard

ST10383326

20 September  
2024



ICE Task 2



## Table of Contents

sales_id Sequence.....	3
Create a sequence called sales_id that will start at id 560 and increment by one.....	3
Transaction_Details View .....	4
Create a view called Transaction_Details that will display the customer ID, broker ID, transaction type and transaction date. In your solution only display the transactions that occurred between the 22 March 2019 and the 25 March 2019.....	4
BRO Synonym .....	5
Create a Synonym for the BROKER table called BRO .....	5
CUSTOMER FIRST_NAME Index.....	6
Create an Index on the CUSTOMER TABLE for the FIRST_NAME column.....	6





ST10383326 ADDB7311 ICE Task 2

## sales\_id Sequence

Create a sequence called sales\_id that will start at id 560 and increment by one.

```
CREATE SEQUENCE sales_id  
START WITH 560  
INCREMENT BY 1;
```





ST10383326 ADDB7311 ICE Task 2

## Transaction\_Details View

Create a view called Transaction\_Details that will display the customer ID, broker ID, transaction type and transaction date. In your solution only display the transactions that occurred between the 22 March 2019 and the 25 March 2019.

```
CREATE VIEW Transaction_Details AS  
SELECT customer_id, broker_id, trans_type, trans_date  
FROM Transactions  
WHERE trans_date BETWEEN TO_DATE('22-MAR-2019', 'DD-MON-YYYY')  
AND TO_DATE('25-MAR-2019', 'DD-MON-YYYY');
```





ST10383326 ADDB7311 ICE Task 2

## BRO Synonym

Create a Synonym for the BROKER table called BRO

```
CREATE SYNONYM BRO FOR BROKER;
```





ST10383326 ADDB7311 ICE Task 2

## CUSTOMER FIRST\_NAME Index

Create an Index on the CUSTOMER TABLE for the FIRST\_NAME column

```
CREATE INDEX idx_customer_first_name  
ON CUSTOMER (FIRST_NAME);
```

