Step 1. When a customer starts their order of car parts, CREATE_NEW_ORDER procedure will be executed to begin the process

```
-- 1. Create a new Order ID (Customer ID)
EXECUTE PACKAGE_ORDERS.CREATE_NEW_ORDER(1); -- Passing Customer ID = 1
```

- This will add an entry into the ORDERS table

	ORDER_ID	ORDER_DATE	SHIPDATE	CUSTOMER_ID	EMPLOYEE_ID
1	1	(null)	(null)	1	(null)

Customer_ID 1 is the below picture for reference

	CUSTOMER_ID	COMPANY_NAME	CONTACT_NAME	STATE	CITY
1	1	Parts Rock	Alex	AZ	Tucson

Step 2. From here the customer will be able to add any products they desire. Once the customer has decided what to add, let's assume 2 parts for Brake_Pad_1 and 2 parts for Brake_Pad_5, then this would run

```
-- 2. Add into the Order (Order ID, Product ID, Quantity);
EXECUTE PACKAGE_CUSTOMER_ORDERS.ADD_PRODUCT_TO_ORDER(1, 1, 2);
EXECUTE PACKAGE_CUSTOMER_ORDERS.ADD_PRODUCT_TO_ORDER(1, 5, 2);
```

- Under CUSTOMER_ORDERS Table, these parts would be added

	ORDER_ID	PRODUCT_ID	QUANTITY	CONFIRMED
1	1	5	2	N
2	1	1	2	N

  - The table will keep track of any parts a customer has on their cart.

- Short reference for parts available. You can see them all attached to my project folder under Product Information

PRODUCT_ID	PRODUCT_NAME	UNIT_PRICE	TOTAL_UNITS	CATEGORY_ID	SUPPLIER_ID
0		0	0	0	0
1	Brake_Pad_1	80.63	161	6	4
2	Brake_Pad_2	84.58	128	6	4
3	Brake_Pad_3	41.45	81	6	4
4	Brake_Pad_4	24.12	106	6	4
5	Brake_Pad_5	49.19	156	6	4
6	Brake_Pad_6	32.5	129	6	2
7	Brake_Pad_7	43.59	96	6	2
8	Brake_Pad_8	78.13	149	6	2
9	Brake_Pad_9	46.93	103	6	2

Step 3. Assuming no more parts were added, when the customer confirms their order,

```
-- 3. Confirm order and assign locations for parts to be picked(Order ID)
EXECUTE PACKAGE_CUSTOMER_ORDERS.CONFIRM_CUSTOMER_ORDER(1);
```

then parts under CUSTOMER_ORDERS will be marked as CONFIRMED = ‘Y’.

	ORDER_ID	PRODUCT_ID	QUANTITY	CONFIRMED
1	1	5	2	Y
2	1	1	2	Y

In addition, order 1 under ORDERS Table will update it’s Order Date to indicate that its need to be processed

	ORD...	ORDER_DATE	SHIPDATE	CUSTOMER_ID	EMPLOYEE_ID
1	1	17-01-2025 11:23:27 PM	(null)	1	(null)

Finally, it will alert the warehouse that these parts need to be picked and will let the workers where these parts are located. They will be added under PICKS Table

	ORDER_ID	PRODUCT_ID	EMPLOYEE_ID	PICK_STATUS	TIME_PICKED	BIN_LOCATION	ZONE_LOCATION	QUANTITY
1	1	1	(null)	N	(null)	A	A101	2
2	1	5	(null)	N	(null)	REC	Receiving	2

As you can see, Product ID 1(Brake_Pad_1) is located in ‘A101’ and Product ID 5(Brake_Pad_5) is located in ‘Receiving’. From here, it’s the employee’s job to look for these parts