



SSN COLLEGE OF ENGINEERING
Department of
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UCS1412 – Database Lab
Assignment – 5

Assigned: 17-Feb-20
Due: 1 Lab Hour

Title: PL/SQL – Control Structures

Pizza Ordering System

Consider the following relations for Pizza Ordering System:

CUSTOMER (cust_id, cust_name, address, phone, cust_friend)

PIZZA (pizza_id, pizza_type, unit_price)

ORDERS (order_no, cust_id, order_date, delv_date, total_amt)

ORDER_LIST (order_no, pizza_id, qty)

Write a PL/SQL block for the following:

Note: Use implicit/explicit cursor wherever required.

1. Check whether the given pizza type is available. If not display appropriate message.
2. For the given customer name and a range of order date, find whether a customer had placed any order, if so display the number of orders placed by the customer along with the order number(s).
3. Display the customer name along with the details of pizza type and its quantity ordered for the given order number. Also find the total quantity ordered for the given order number as shown below:

```
SQL> /
Enter value for oid: OP100
old 11:          oid='&oid';
new 11:          oid='OP100';
Customer name: Hari
Ordered Following Pizza
PIZZA TYPE      QTY
Pan              3
Grilled         2
Italian         1
Spanish         5
-----
Total Qty: 11
```

4. Display the total number of orders that contains one pizza type, two pizza type and

so on.

Number of Orders that contains	
Only ONE Pizza type	8
Two Pizza types	3
Three Pizza types	2
ALL Pizza types	1

What you have to submit:

1. Schema Diagram with constraints
2. Demo script file

