



SSN COLLEGE OF ENGINEERING
Department of
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Engineering

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UCS1412 – Database Lab
Assignment – 6

Assigned: 25-Feb-20
Due: 1 Lab Hour

Title: PL/SQL – Stored Procedures & Stored Functions

Pizza Ordering System

Consider the following relations for Pizza Ordering System:

CUSTOMER (cust_id, cust_name, address, phone)

PIZZA (pizza_id, pizza_type, unit_price)

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

ORDER_LIST (order_no, pizza_id, qty)

Write a PL/SQL stored procedure / stored function for the following:

Note:

- Use implicit/explicit cursor wherever required.
 - Handle the error and display appropriate message if the data is non-available.
 - Add necessary attributes to ORDERS.
- Write a stored function to display the total number of pizza's ordered by the given order number.
 - Write a PL/SQL block to calculate the total amount, discount and billable amount (Amount to be paid) as given below:
For total amount > 2000 and total amount < 5000: Discount=5%
For total amount > 5000 and total amount < 10000: Discount=10%
For total amount > 10000: Discount=20%
Calculate the billable amount (after the discount) and update the same in orders table.
Bill Amount = Total – Discount.
 - For the given order number, write a PL/SQL block to print the order as shown below:
Hint: Use the PL/SQL blocks created in 1 and 2.

```
*****
Order Number:OP104                      Customer Name: Hari
Order Date :29-Jun-2015                 Phone: 9001200031
*****
SNo      Pizza Type      Qty  Price  Amount
1.        Italian        6    200    1200
2.        Spanish        5    260    1300
-----
Total =          11          2500
```

Total Amount :Rs.2500
Discount (5%) :Rs. 125

Amount to be paid :Rs.2375

Great Offers! Discount up to 25% on DIWALI Festival Day...

What you have to submit:

1. Schema Diagram with constraints
2. Demo script file

