**Lab Assignment 1 and 2**: 1. Based on the previously created tables, I am hereby giving you queries which I expect all of you to to complete the record, and specify Assignment in the index sheet.

1. This assignment carries 10 marks, so please be careful while answering, after executing a printout is a must to ensure you get the complete **20 marks**,
2. Only if all questions are answered, 10 marks is guaranteed.
3. Respect to sub queries I will be sending questions that also has to be completed. Since we do not have time, I will directly start with PL/SQL.
4. I will be sending the table to be created, and data to be inserted for the assignment question on our official group.
5. Please go through view and index as a part of assignment, create notes and include in the assignment part.

**Questions**

1. Display all customer information.
2. Display all item names and their respective unit price.
3. Display unique invoice numbers from the invitem table.
4. Display item information with appropriate column aliases.
5. Display item name and price using concatenation.
6. Find the total value of each item based on quality on hand.
7. Find the customers form florida.
8. Display items with a unit price of at least $5.
9. Find items with a unit price between $2 and $5
10. Find customers from the tristate area of new york, new jersey and connecticut.
11. Find all customers whose names start with the letter E.
12. Find items with the letter W in their name.
13. Sort all customers alphabetically.
14. Sort all items in descending order by their price.
15. Sort all customers by their state and also alphabetically.
16. Display all customers from New jersey alphabetically.
17. Display all item prices rounded to the nearest dollar.
18. Find the payment due date if the payment is due in two months from the invoice date.
19. Display invoice dates in “September 05 2003” format.
20. Find the total, average, highest and lowest unit prices.
21. Display how many different items are available for customers.
22. count the number of items ordered in each invoice.
23. Find invoices in which three or more items are ordered.
24. Find all possible combinations of customers and items (Cartesian product)
25. Display all item quantities and item prices for invoices.
26. Find the total price for each invoice.
27. Use an outer join to display items ordered and not ordered.
28. Display invoices, customer names, and item names together(multiple joins)
29. Find invoices with HAMMER as an item.
30. Find invoices with HAMMER as an item by using a subquery.
31. Display the items ordered in invoice number 1001(use subquery)
32. Find items that are cheaper than nut.
33. create a new table for all new jersey customers based on existing customer table.
34. Copy all new york customers to the newly created NJ\_CUSTOMER table.
35. Rename NJ\_CUSTOMER table to NYNJ\_CUSTOMER.
36. Find customers who are not from new york or new jersey(use set operator)
37. Delete rows from the customer table that are also in the NYNJ\_CUSTOMER table.
38. Find the items with the top-three prices.
39. Find the two items with the lowest quantity on hand.
40. Create a view that displays invoice number and customer names for new jersey customers.
41. Create a simple view with item names and item prices only.
42. Create an index file based on customer names.