

6.Queries to Build Report in SQL *PLUS

The objective of the lab is to create a form using a parent table and a child table to take advantage of the schema's relationships.

A data block in Oracle Forms = A table in the database.

Each block contains items which equal table columns or fields. These are arranged into records.

1. Start Schema Builder. Open S_Customer and S_Order or S_Order1.
2. Start Form Builder. Use the data block wizard to create a form for S_Customer, including the Name, ID, Phone, and Address columns.
3. After the form is created, click on Window on the Object Navigator to expand it. Right click on Window1. Click on Property Pallet. Go to Physical on property pallet. Make sure Show Horizontal Scroll Bar and Show Vertical Scroll Bar both are YES.
4. Run the form. Execute the Questionry. Notice that data already exists in this table.
5. Highlight Data Blocks in the Object Navigator. Go up to Tools – Data Block Wizard.
6. Create a form for S_Order or S_Order1.
7. Include the columns ID – Customer_ID – Date_Ordered – Date_Shipped – Total.
8. Click Create Relationship. Click OK. Make sure Autojoin Datablocks is checked.
9. Check Detail Item to Customer_ID and Master Item to ID. This says that the parent table, the table on the one side of the relationship has the primary key of ID in the S_Customer table, and the foreign key on the many side is Customer_ID in the S_Order table. This relationship can be seen if you open schema builder and look at the tables and the relationship between them.
10. Make the layout tabular.
11. Records displayed will be 5 and Display Scrollbar will be checked off.
12. Run the form and execute the Questionry. Scroll through the data and notice that the orders are linked with the customers.
- 13.If you input a detail, the foreign key is automatically filled with the value of the current primary key displayed by the customer.