

Oracle Academy

Amazing Books

Part 4: Inputting data into the CUSTOMERS, SUBJECTS, PUBLISHERS, ITEM_TYPES tables

Step 1: Planning Ahead

Before any data can be entered into the tables, you will need to decide what kind of data each of the four tables should store.

- Who are your customers, what are their names, where do they live? You should have at least 15 customers in your table.
- What types of book subjects does Amazing Books sell? You should identify at least 10 different subjects.
- What types of items does Amazing Books sell? Usually bookstores sell other merchandise other than books, identify 5 items other than books for the store.
- Who are the publishers (suppliers) for the books, music, and other merchandise that will be sold? You will want to look at some books to identify names of the most common publishers. Also, who are the suppliers for your other merchandise?

Where you are Going:

This part of the project will have you populating the CUSTOMERS, SUBJECTS, PUBLISHERS AND ITEM_TYPES tables. Once you have decided what data you are going to store, you will enter your data into the four tables (see Step 3 for a demonstration of how to enter the data).

DO NOT POPULATE THE ITEMS OR ORDERS TABLES UNTIL PART 6.

Where have you been:

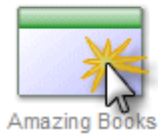
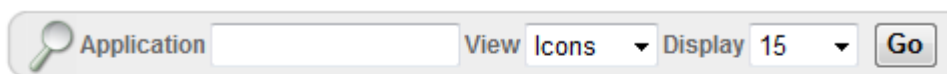
On the bottom of each page, you can see the results of having entered new data into the table. You may want to go to the SQL Command Processor that you are so familiar with, and query the tables using SQL commands. This is just another way for you to access and/or verify the data in the tables that you just created using Application Express.

Step 2: Accessing the Report

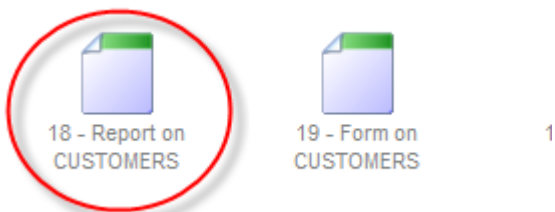
Make sure you are in the Application Builder section of the Application Express tool.



Click on the **Amazing Books** icon.



In this example, you will be entering data into the CUSTOMERS table by using the Report on CUSTOMERS report.



You now see the page definitions for the Report on CUSTOMERS. Click on 'Run' to run the report.

The screenshot shows the Oracle APEX page definition interface. At the top, there is a toolbar with a search icon, a text input field containing 'Page 18', and navigation buttons (up, down, left, right). A 'View' dropdown menu is set to 'Definition', and a 'Go' button is present. To the right of the toolbar are buttons for 'Run', 'Copy', 'Delete', and 'Create >'. A mouse cursor is clicking on the 'Run' button. Below the toolbar, the interface is divided into two main sections. The left section is titled 'Page Rendering' and contains a 'Page' definition area. The 'Page' area has fields for 'Page Name' (Report on CUSTOMERS), 'Template' (Application default), 'Title' (Report on CUSTOMERS), 'Header Text', 'HTML Header', 'Footer Text', 'On Load', 'Build Option', and 'Help Text' (No help is available for this). Below the 'Page' area is a 'Regions' section with a 'Display Point' of 'Page Template Body (3)' and a table listing regions: '10', 'Customers Report', and 'Report'. The right section is titled 'Page Processing' and contains a vertical list of tabs: 'Computations', 'Validations', 'Processes', and 'Branches'.

Step 3: Entering Data

To enter data, click on 'Create' to access the input form.

The screenshot shows a web page titled 'Customers Report' in red text. Below the title, it says 'no data found'. To the right of the text is a 'Create' button. A mouse cursor is clicking on the 'Create' button.

In this screen, the new customer information for a new customer named Pat Middleton has been entered by keying the data into the Input form. After typing in the respective data, click the **Create** button.

Customers Report Cancel Create

• **Customer Name**

• **Address**

• **City**

State Province

• **Country**

Email

This screenshot shows the result of having created the new customer record. Once you clicked **Create**, it entered the data into the system.

Action Processed.

Customers Report Create

Edit	Customer Name	Address	City	State Province	Country	Email
	Pat Middleton	387 Shenadoah Way	Atlanta	Georgia	U.S.A.	pmiddleton@cox.net

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Step 4: Enter data in the SUBJECTS, PUBLISHERS, and ITEM_TYPES

To move to the next table, use the tabs at the top. Continue to add data to the SUBJECTS, PUBLISHERS, and ITEM_TYPES tables.

ORDERS **CUSTOMERS** ITEMS **SUBJECTS** PUBLISHERS ITEM_TYPES VIEW CHARTS

Reset Create Click Here

Email
pmiddleton@cox.net

Step 5: Go to Part 5