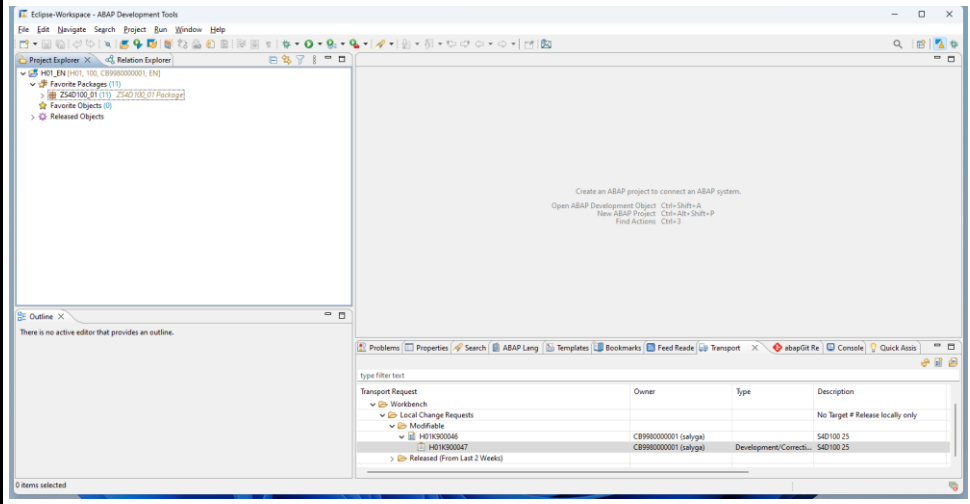
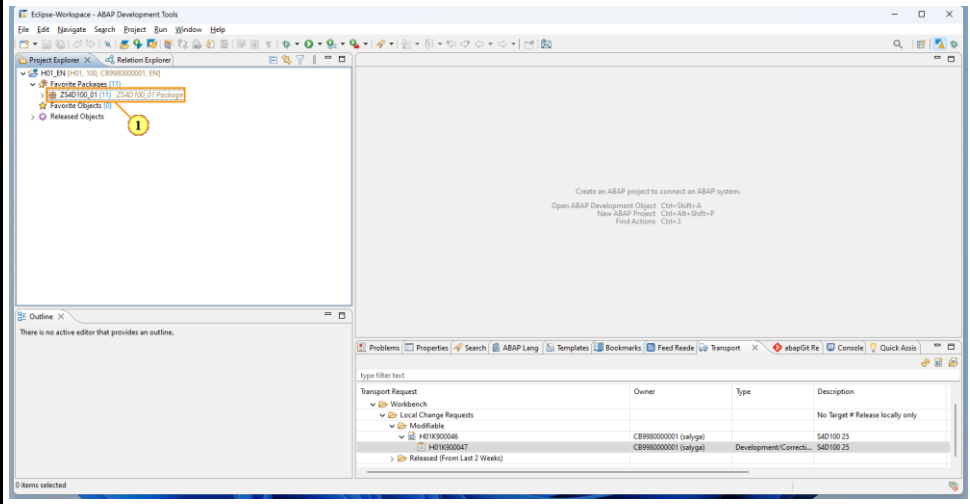
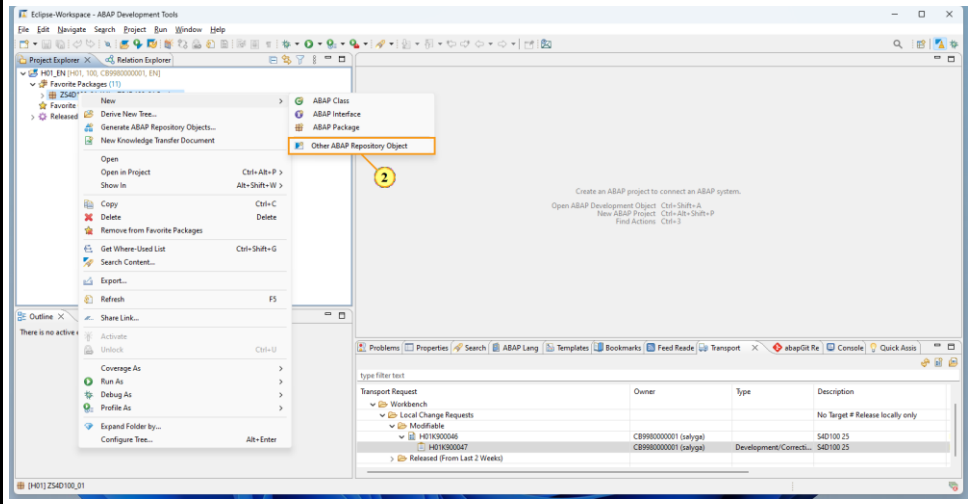
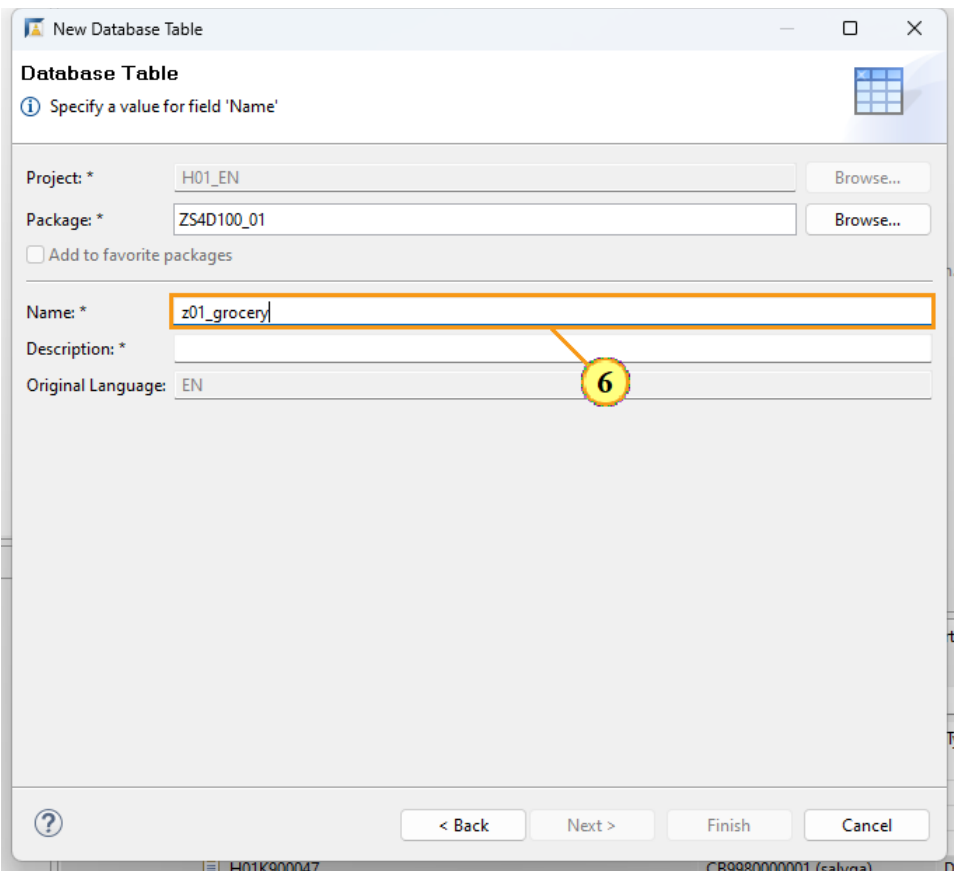
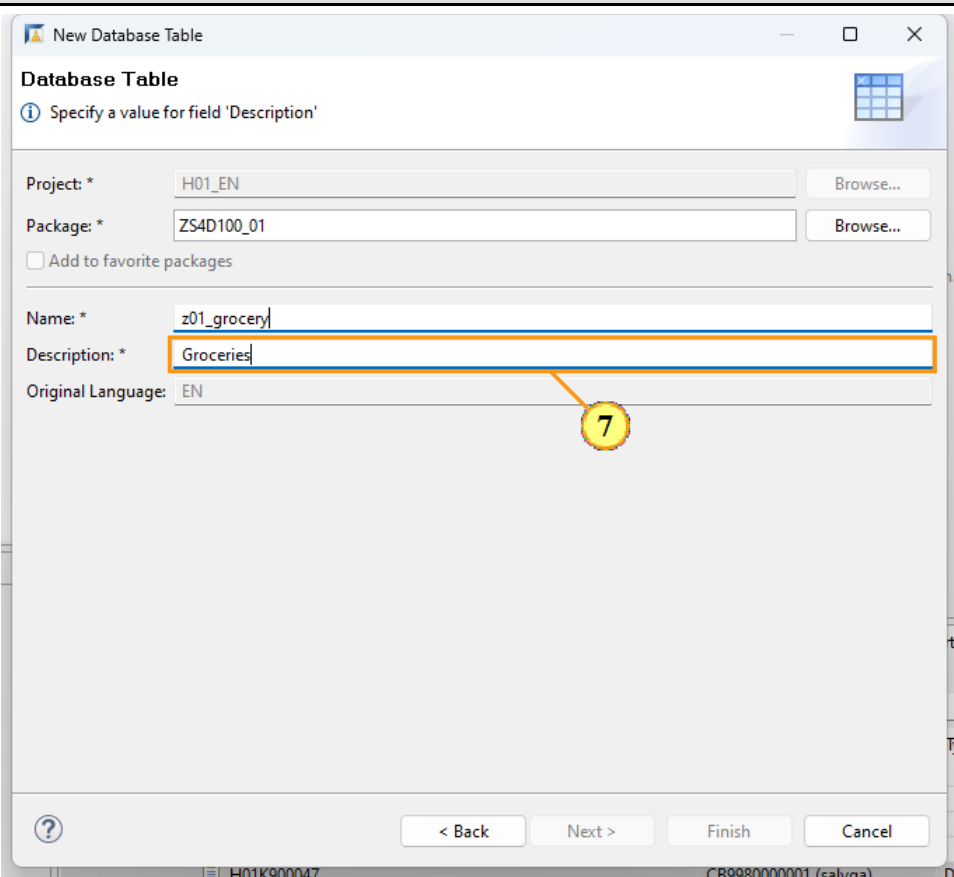


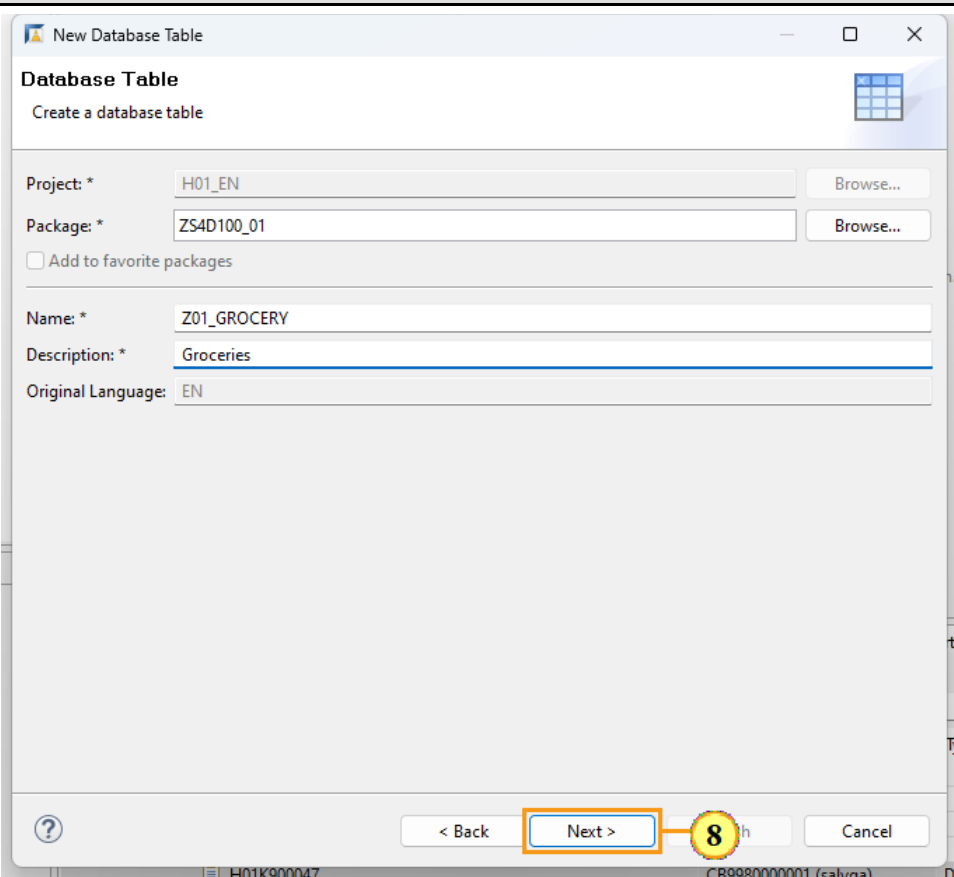
Create a Database Table

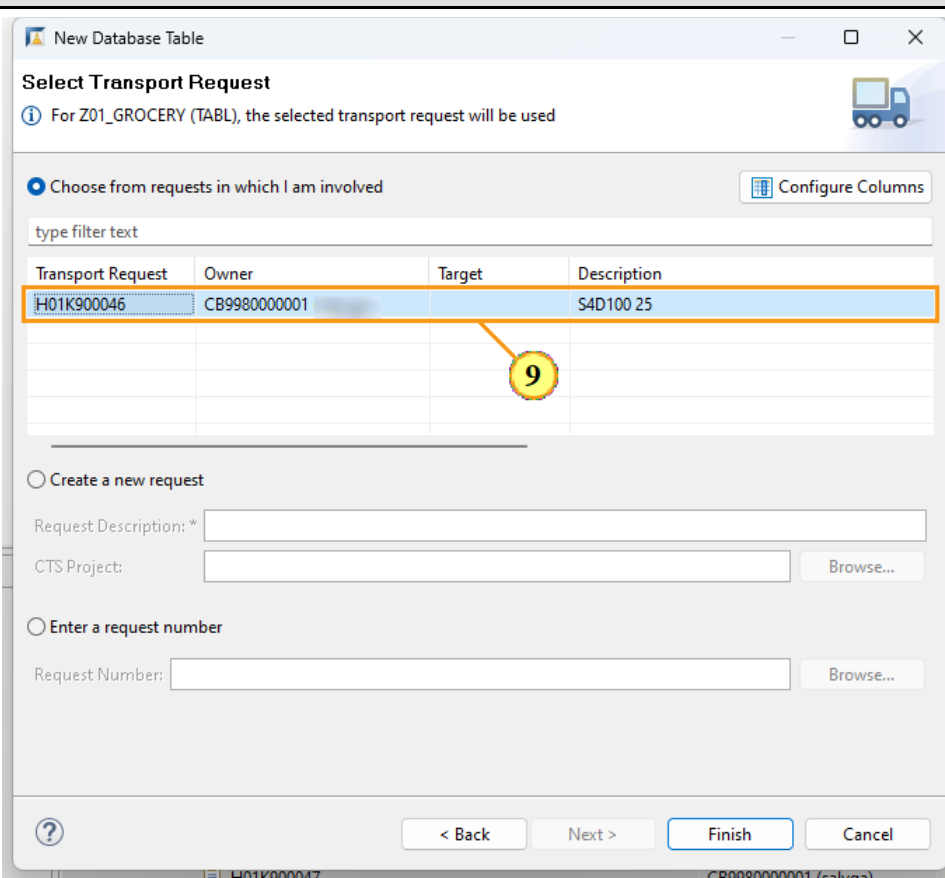
Explanation	Screenshot
<div><div><div></div><div></div><div></div></div><div>To learn more about how to create a database table, follow this interactive tutorial.</div></div>	
<div>1. Choose the ZS4D100_01 (11) with the right-click.</div>	
<div>2. Choose New > Other ABAP Repository Object.</div>	

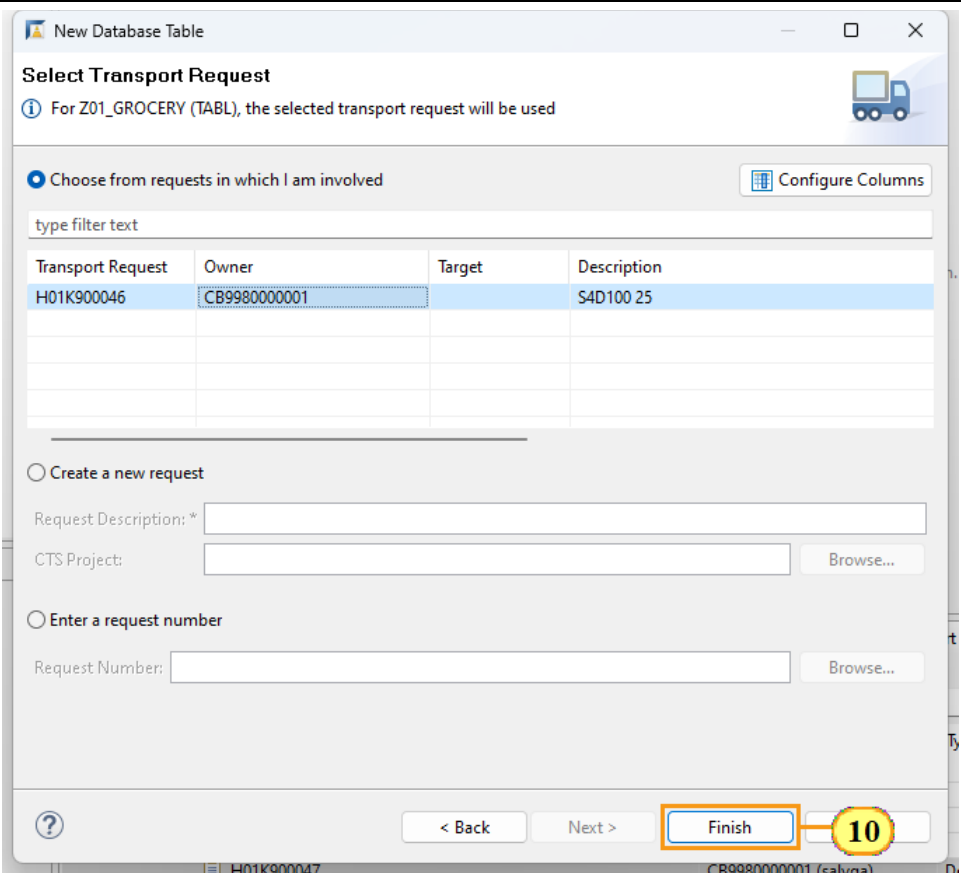
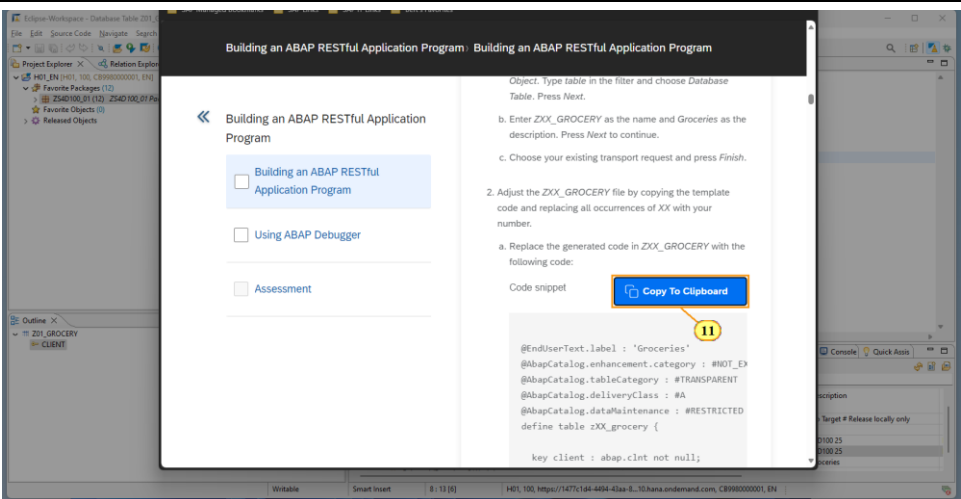
Explanation	Screenshot
3. In the <i>Search</i> field, enter table .	
4. Choose <i>Database Table</i> .	
5. Choose <i>Next</i> .	

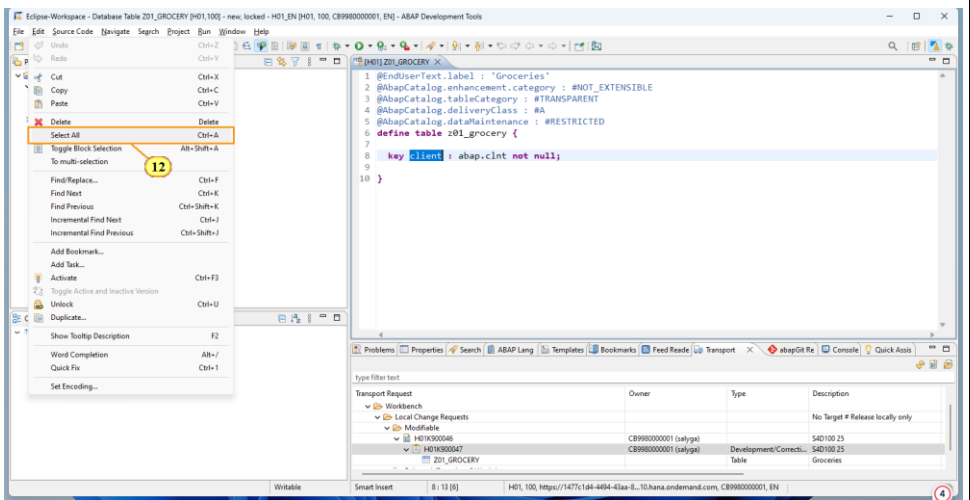
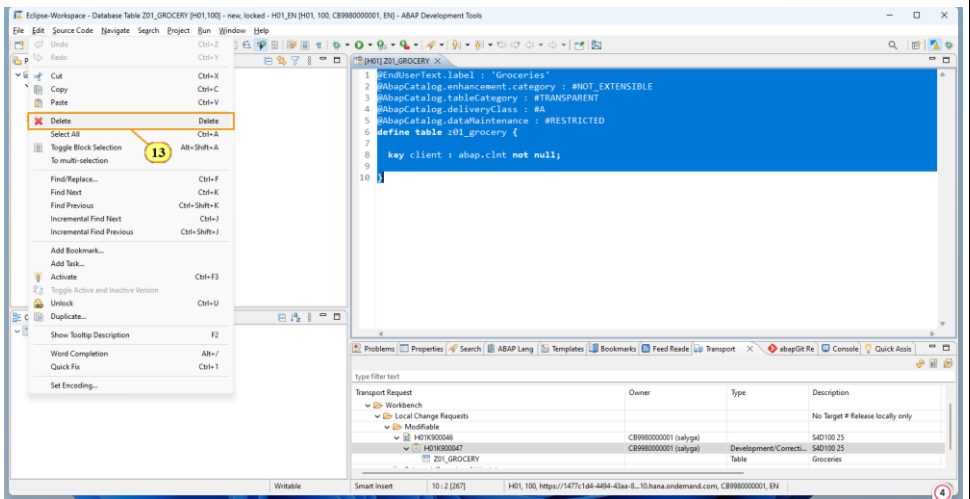
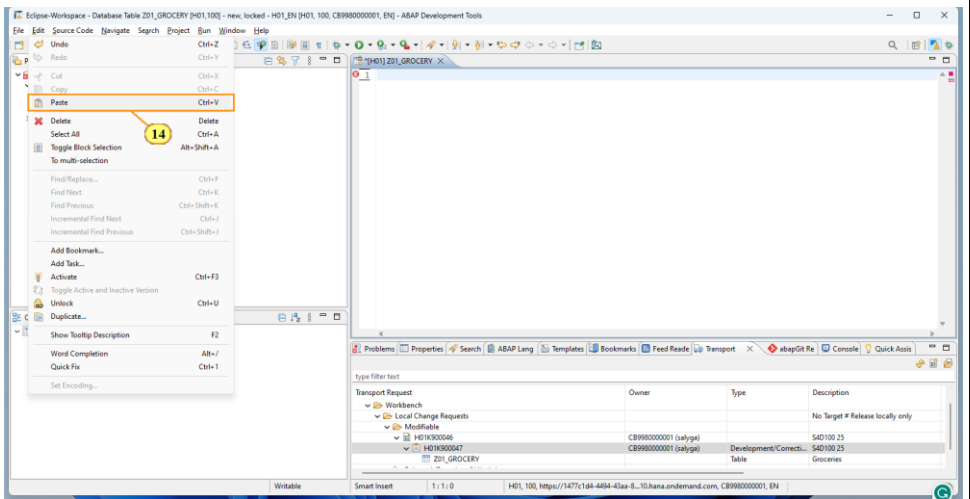
Explanation	Screenshot
6. In the <i>Name</i> field, enter z01_grocery .	

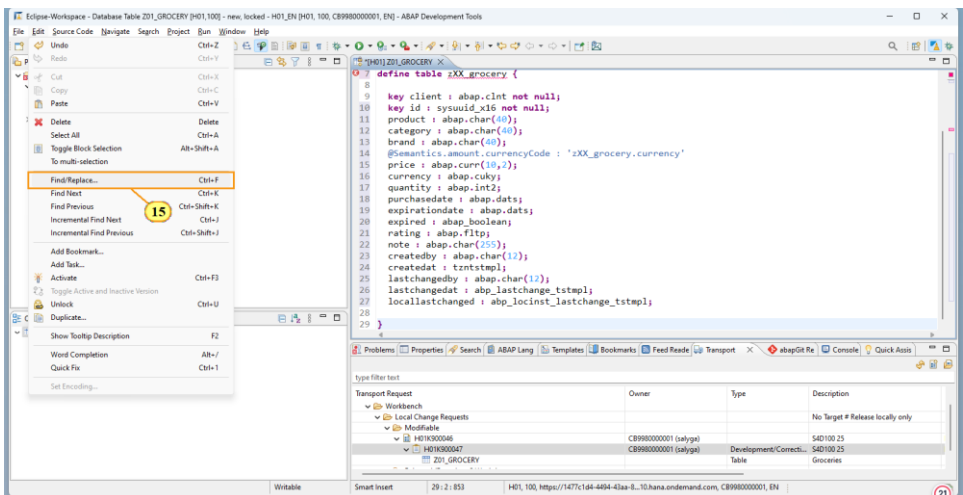
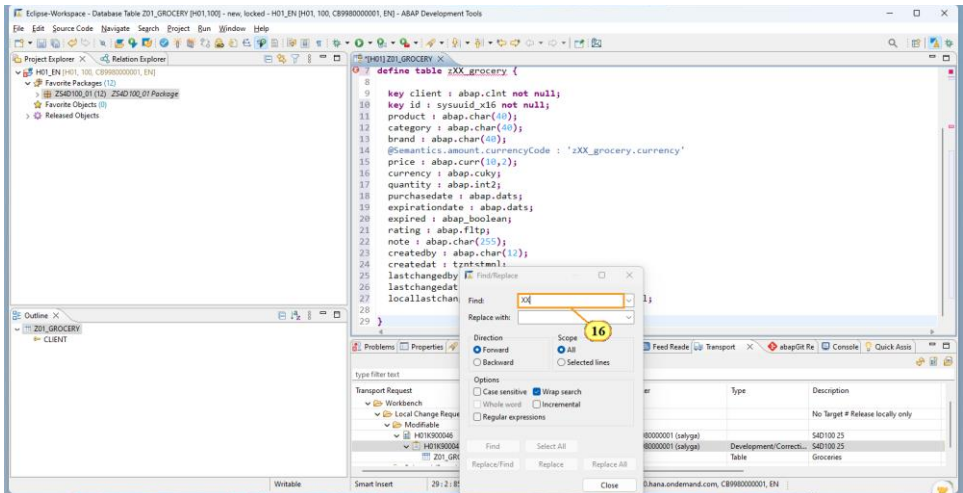
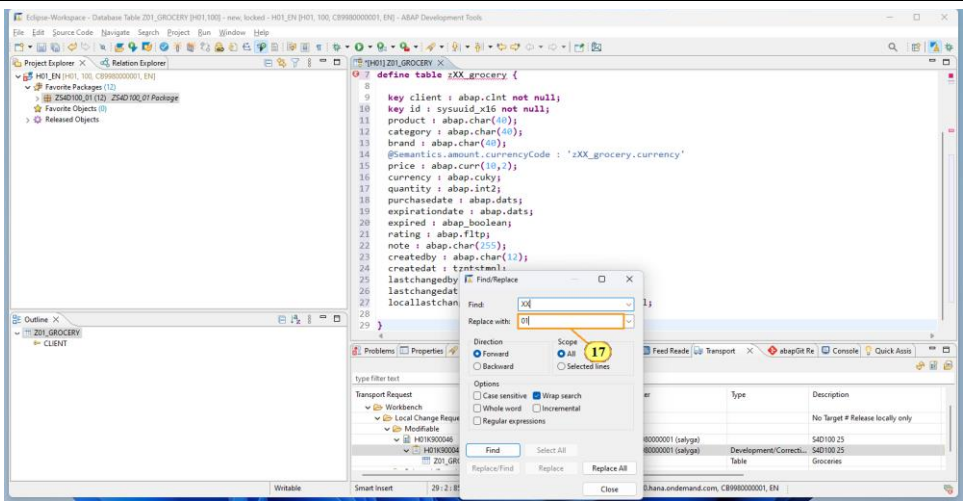
Explanation	Screenshot
7. In the <i>Description</i> field, enter Groceries .	 The screenshot shows a 'New Database Table' dialog box. It has a title bar with a question mark icon and standard window controls. Below the title bar, it says 'Database Table' and 'Specify a value for field 'Description''. There are four input fields: 'Project: *' with 'H01_EN', 'Package: *' with 'ZS4D100_01', 'Name: *' with 'z01_grocery', and 'Description: *' with 'Groceries'. The 'Description' field is highlighted with an orange border and a yellow circle with the number 7. There is also an 'Original Language: EN' field. At the bottom, there are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'. A status bar at the very bottom shows 'L01K000017' and 'C000000001 (sakura)'.

Explanation	Screenshot
8. Choose <i>Next</i> .	 <p>The screenshot shows a 'New Database Table' dialog box. It has a title bar with a question mark icon and standard window controls. The main area is titled 'Database Table' with the subtitle 'Create a database table'. Below this are several input fields: 'Project: *' with the value 'H01_EN' and a 'Browse...' button; 'Package: *' with the value 'ZS4D100_01' and a 'Browse...' button; an unchecked checkbox for 'Add to favorite packages'; 'Name: *' with the value 'Z01_GROCERY'; 'Description: *' with the value 'Groceries'; and 'Original Language:' with the value 'EN'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'. The 'Next >' button is highlighted with an orange rectangular box. To the right of the 'Next >' button is a yellow circular icon with the number '8' inside it.</p>

Explanation	Screenshot																								
9. Choose H01K900046.	 <p>New Database Table</p> <p>Select Transport Request</p> <p>For Z01_GROCERY (TABL), the selected transport request will be used</p> <p>Choose from requests in which I am involved</p> <p>type filter text</p> <table><tr><th>Transport Request</th><th>Owner</th><th>Target</th><th>Description</th></tr><tr><td>H01K900046</td><td>CB9980000001</td><td></td><td>S4D100 25</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></table> <p>Create a new request</p> <p>Request Description: *</p> <p>CTS Project:</p> <p>Enter a request number</p> <p>Request Number:</p> <p>< Back Next > Finish Cancel</p>	Transport Request	Owner	Target	Description	H01K900046	CB9980000001		S4D100 25																
Transport Request	Owner	Target	Description																						
H01K900046	CB9980000001		S4D100 25																						

Explanation	Screenshot																								
10. Choose <i>Finish</i> .	 <p>New Database Table</p> <p>Select Transport Request</p> <p>For Z01_GROCERY (TABL), the selected transport request will be used</p> <p>Choose from requests in which I am involved Configure Columns</p> <p>type filter text</p> <table><thead><tr><th>Transport Request</th><th>Owner</th><th>Target</th><th>Description</th></tr></thead><tbody><tr><td>H01K900046</td><td>CB9980000001</td><td></td><td>S4D100 25</td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td></tr></tbody></table> <p><input type="radio"/> Create a new request</p> <p>Request Description: * <input type="text"/></p> <p>CTS Project: <input type="text"/> Browse...</p> <p><input type="radio"/> Enter a request number</p> <p>Request Number: <input type="text"/> Browse...</p> <p>< Back Next > Finish 10</p>	Transport Request	Owner	Target	Description	H01K900046	CB9980000001		S4D100 25																
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H01K900046	CB9980000001		S4D100 25																						
11. To replace the generated code in ZXX_GROCERY, choose <i>Copy To Clipboard</i> .	 <p>Building an ABAP RESTful Application Program</p> <p>Building an ABAP RESTful Application Program</p> <p><input type="checkbox"/> Building an ABAP RESTful Application Program</p> <p><input type="checkbox"/> Using ABAP Debugger</p> <p><input type="checkbox"/> Assessment</p> <p>Object: Type table in the filter and choose Database Table. Press Next.</p> <p>b. Enter ZXX_GROCERY as the name and Groceries as the description. Press Next to continue.</p> <p>c. Choose your existing transport request and press Finish.</p> <p>2. Adjust the ZXX_GROCERY file by copying the template code and replacing all occurrences of XX with your number.</p> <p>a. Replace the generated code in ZXX_GROCERY with the following code:</p> <p>Code snippet Copy To Clipboard 11</p> <pre>@EndUserText.label : 'Groceries' @AbapCatalog.enhancement.category : #NOT_EX @AbapCatalog.tableCategory : #TRANSPARENT @AbapCatalog.deliveryClass : #A @AbapCatalog.dataMaintenance : #RESTRICTED define table zxx_grocery { key client : abap.clint not null;</pre>																								

Explanation	Screenshot
12. Choose <i>Edit</i> > <i>Select All</i> .	 <p>The screenshot shows the SAP ABAP Development Tools interface. The 'Edit' menu is open, and 'Select All' is highlighted with a yellow circle and the number 12. The background code defines a table 'Z01_GROcery' with a primary key 'client'.</p> <pre> 1 @EndUserText.label : 'Groceries' 2 @AbapCatalog.enhancement.category : #NOT_EXTENSIBLE 3 @AbapCatalog.tableCategory : #TRANSPARENT 4 @AbapCatalog.deliveryClass : #A 5 @AbapCatalog.dataMaintenance : #RESTRICTED 6 define table :Z01_grocery { 7 key client : abap.clnt not null; 8 } 9 </pre>
13. Choose <i>Edit</i> > <i>Delete</i> .	 <p>The screenshot shows the SAP ABAP Development Tools interface. The 'Edit' menu is open, and 'Delete' is highlighted with a yellow circle and the number 13. The background code defines a table 'Z01_GROcery' with a primary key 'client'.</p> <pre> 1 @EndUserText.label : 'Groceries' 2 @AbapCatalog.enhancement.category : #NOT_EXTENSIBLE 3 @AbapCatalog.tableCategory : #TRANSPARENT 4 @AbapCatalog.deliveryClass : #A 5 @AbapCatalog.dataMaintenance : #RESTRICTED 6 define table :Z01_grocery { 7 key client : abap.clnt not null; 8 } 9 </pre>
14. Choose <i>Edit</i> > <i>Paste</i> .	 <p>The screenshot shows the SAP ABAP Development Tools interface. The 'Edit' menu is open, and 'Paste' is highlighted with a yellow circle and the number 14. The background code defines a table 'Z01_GROcery' with a primary key 'client'.</p> <pre> 1 @EndUserText.label : 'Groceries' 2 @AbapCatalog.enhancement.category : #NOT_EXTENSIBLE 3 @AbapCatalog.tableCategory : #TRANSPARENT 4 @AbapCatalog.deliveryClass : #A 5 @AbapCatalog.dataMaintenance : #RESTRICTED 6 define table :Z01_grocery { 7 key client : abap.clnt not null; 8 } 9 </pre>

Explanation	Screenshot
<p>15. Choose <i>Edit > Find/Replace</i>.</p>	
<p>16. In the <i>Find</i> field, enter XX.</p>	
<p>17. In the <i>Replace with</i> field, enter 01.</p>	

Explanation	Screenshot
18. Choose <i>Replace All</i> .	
19. Choose <i>Close</i> .	
20. Choose <i>Activate</i> .	

Explanation	Screenshot																								
<div><div><div></div><div></div></div><div><p>You have successfully created a database table.</p><p>This concludes the interactive tutorial.</p></div></div>	<p>The screenshot displays the SAP Studio interface. The top pane shows the source code for the table definition. The bottom pane shows the 'Transport Request' dialog box.</p> <pre>1 @EndUserText.label : 'Groceries' 2 @AbapCatalog.enhancement.category : #NOT_EXTENSIBLE 3 @AbapCatalog.tableCategory : #TRANSPARENT 4 @AbapCatalog.deliveryClass : #A 5 @AbapCatalog.dataMaintenance : #RESTRICTED 6 define table z01_grocery { 7 8 key client : abap.clnt not null; 9 key id : sysuid_x16 not null; 10 product : abap.char(40); 11 category : abap.char(40); 12 brand : abap.char(40); 13 @Semantics.amount.currencyCode : 'z01_grocery.currency'; 14 price : abap.curre(10,2); 15 currency : abap.cuky; 16 quantity : abap.int2; 17 purchasedate : abap.dats; 18 expirationdate : abap.dats; 19 expired : abap_boolean; 20 rating : abap.fltp; 21 note : abap.char(255); 22 createdby : abap.char(12); 23 createdat : tztstmol;</pre> <table><tr><th>Transport Request</th><th>Owner</th><th>Type</th><th>Description</th></tr><tr><td>Workbench</td><td></td><td></td><td>No Target # Release locally only</td></tr><tr><td>Modifiable</td><td></td><td></td><td></td></tr><tr><td>MD1K300046</td><td>CB9900000001 (sdyg)</td><td></td><td>540100 25</td></tr><tr><td>MD1K300047</td><td>CB9900000001 (sdyg)</td><td>Development/Correct...</td><td>540100 25</td></tr><tr><td>Z01_GROCERY</td><td></td><td>Table</td><td>Groceries</td></tr></table>	Transport Request	Owner	Type	Description	Workbench			No Target # Release locally only	Modifiable				MD1K300046	CB9900000001 (sdyg)		540100 25	MD1K300047	CB9900000001 (sdyg)	Development/Correct...	540100 25	Z01_GROCERY		Table	Groceries
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