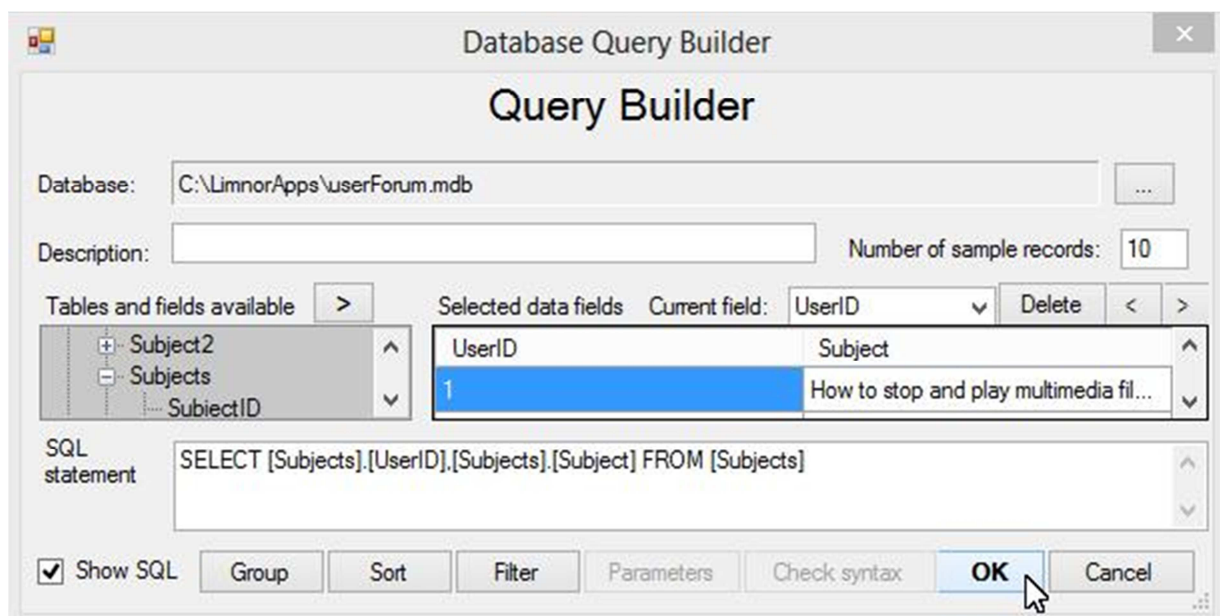


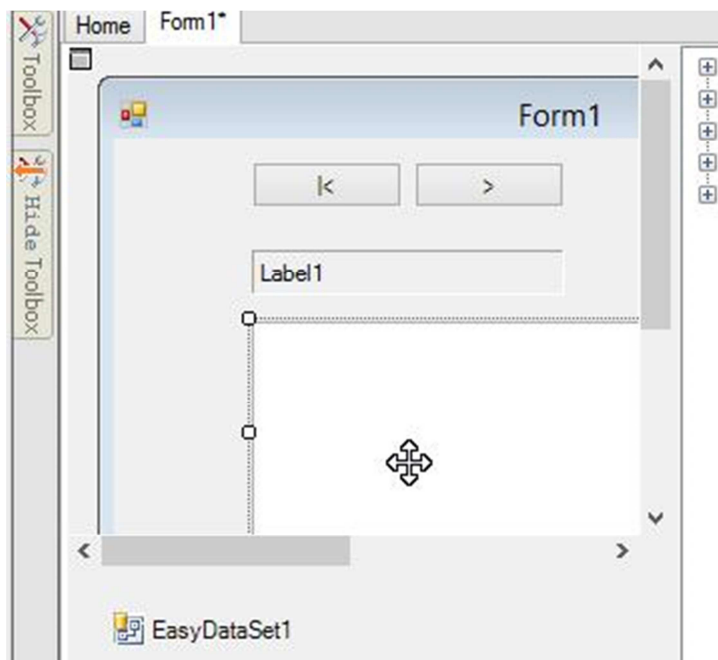
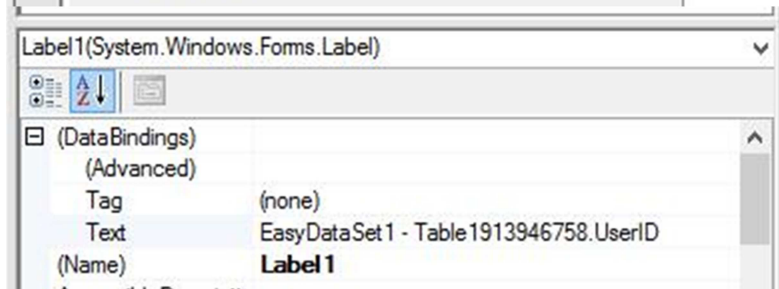
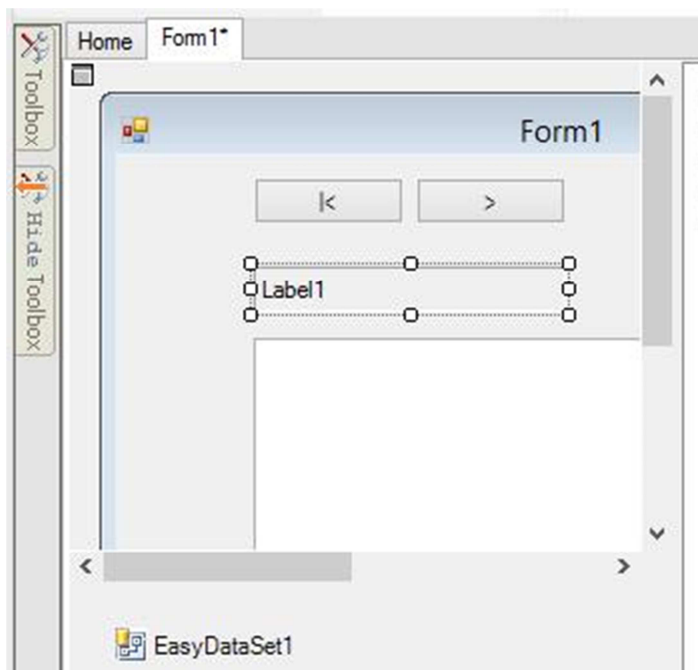
How to Switch Table at Runtime

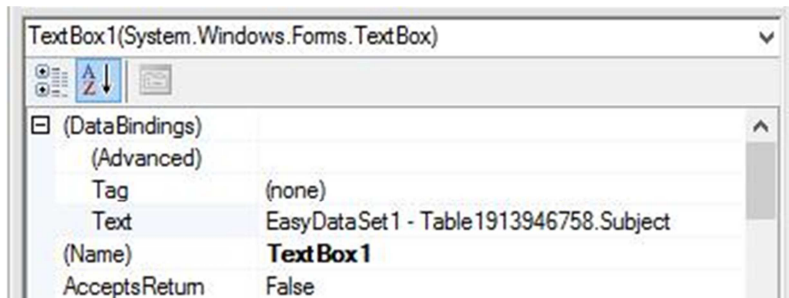
Scenario: Suppose you have two tables with some same field names. You want to switch tables at runtime and keep data-binding. In this sample, we have a table named Subjects and a table named Subject2. Both tables have a field UserID and a field Subject. On a form we use a label and a text box to bind to UserID and Subject from table Subjects. When the form appears, data from table Subjects appear on the label and the text box. Click a button, the table Subject2 replaces table Subjects for the data-binding. Data from table Subject2 appear on the label and the text box.

Data query: Use an EasyDataSet to query data from table Subjects.



Data-binding: Use a label to bind to UserID and use a text box to bind Subject.

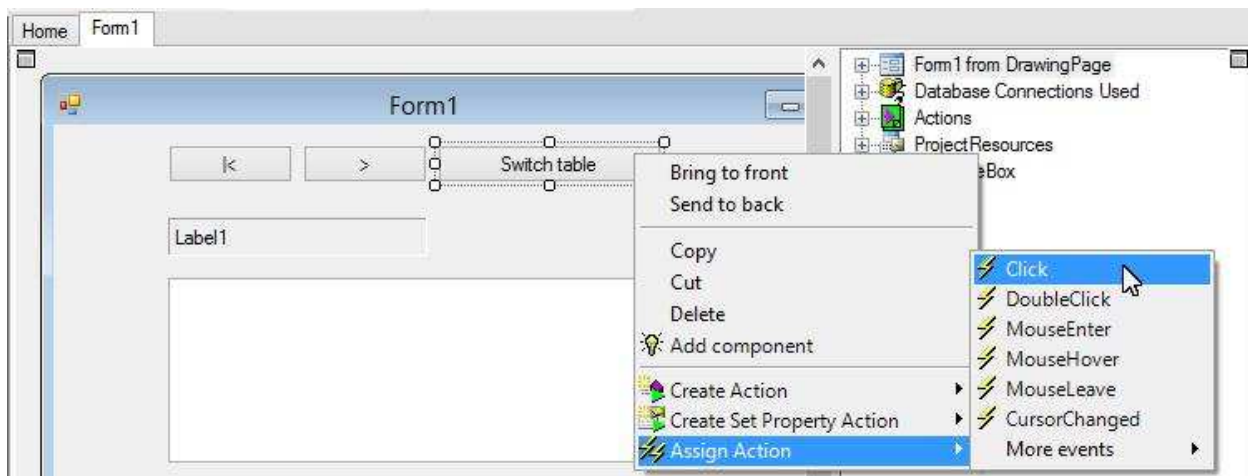




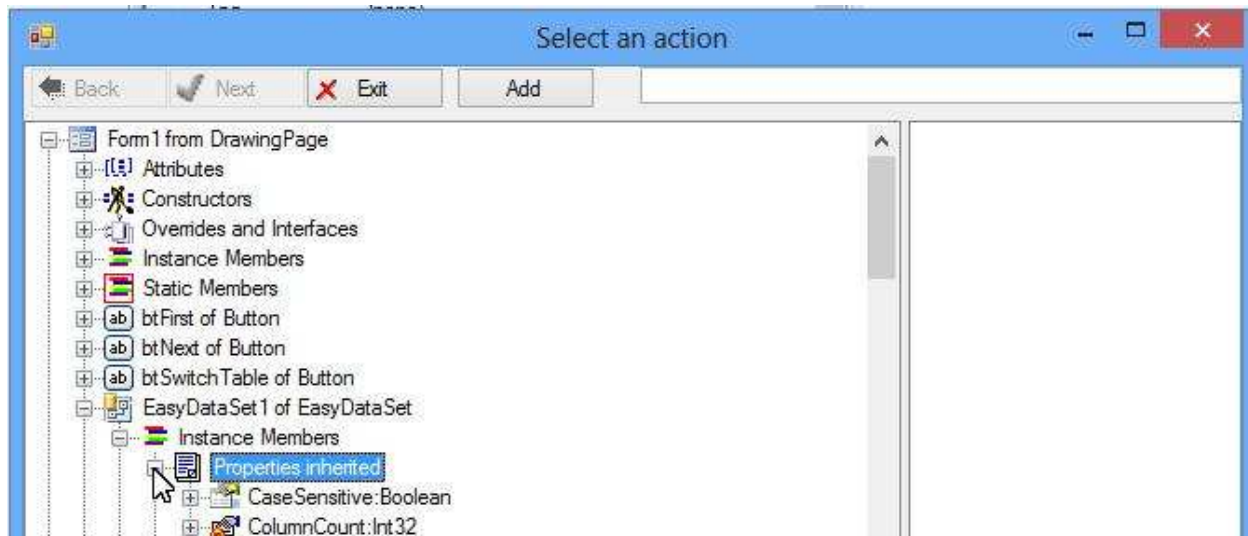
We may at some buttons to do record navigations. We do not go to details on it.

Switch table at runtime: We use a button to switch table to Subject2 at runtime. This can be done by creating a “Set Property Action” to set the “From” property of the EasyDataSet to Subject2 and assign the action to the button. We may do “Create action” and “Assign action” in separate steps. We may also do it in one step, which is what we will show below.

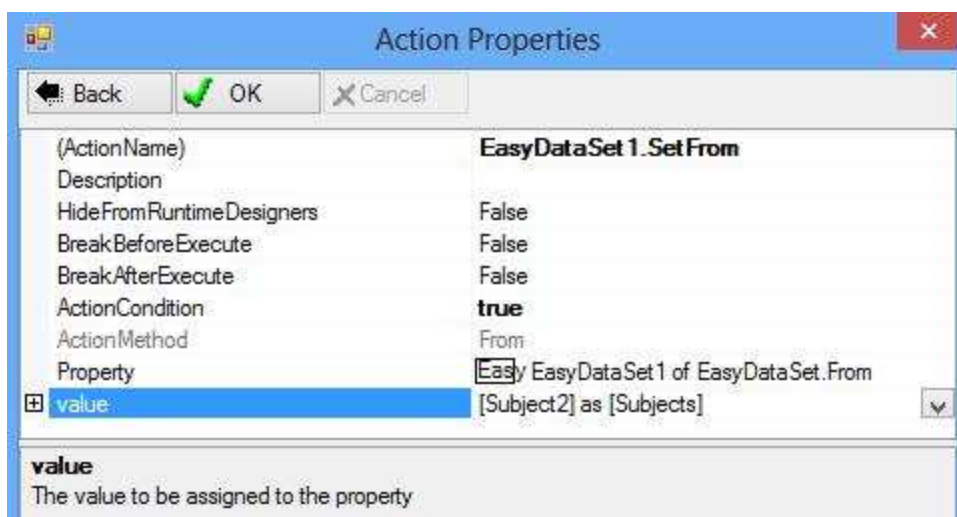
Right-click the button; choose “Assign Action”; and choose Click event:



Choose “From” property from the EasyDataSet:

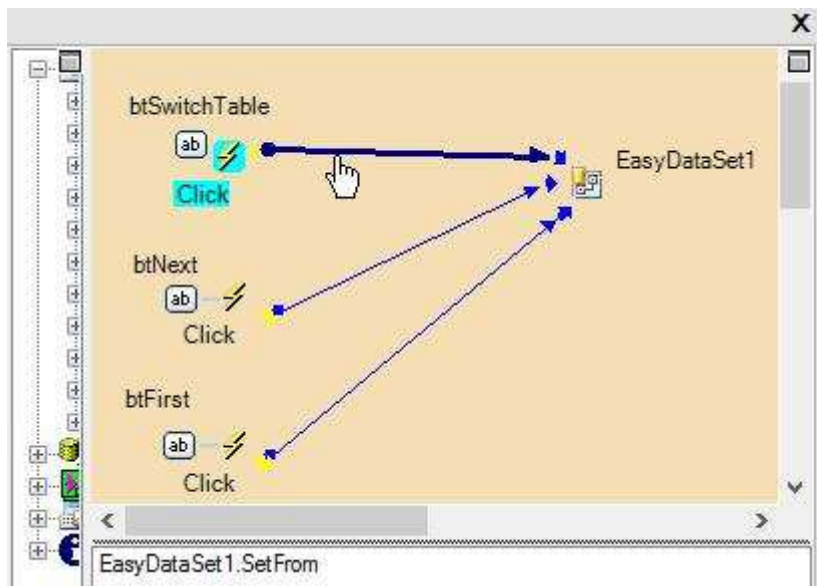


A dialogue box appears for setting action parameters for creating this “Set Property” action. “value” parameter represents the value to be set to the “From” property. We set it to [Subject2] as [Subjects]:

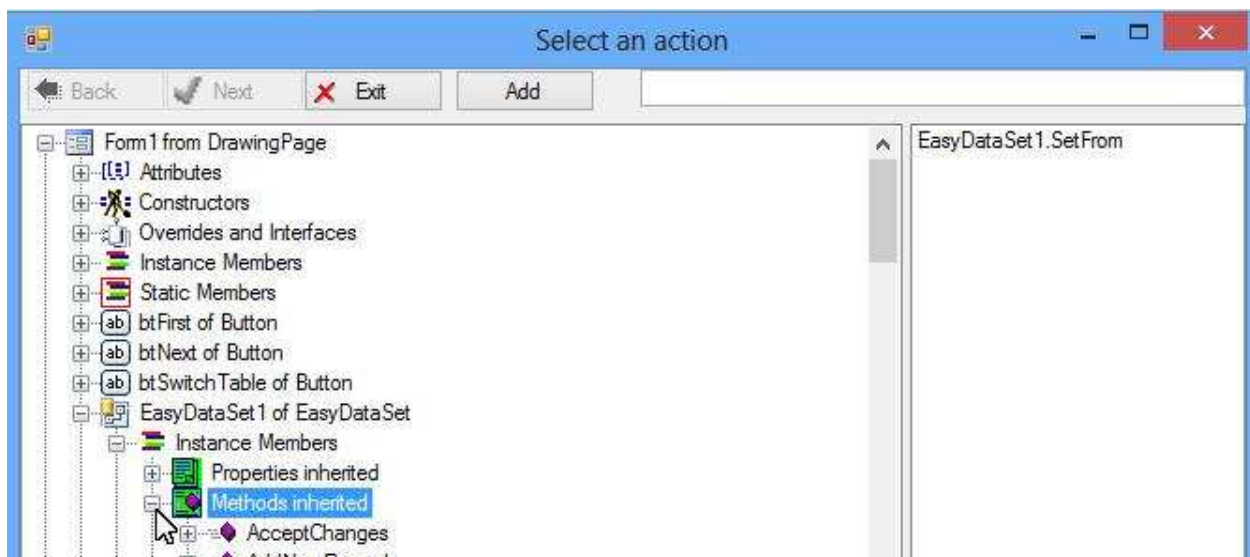
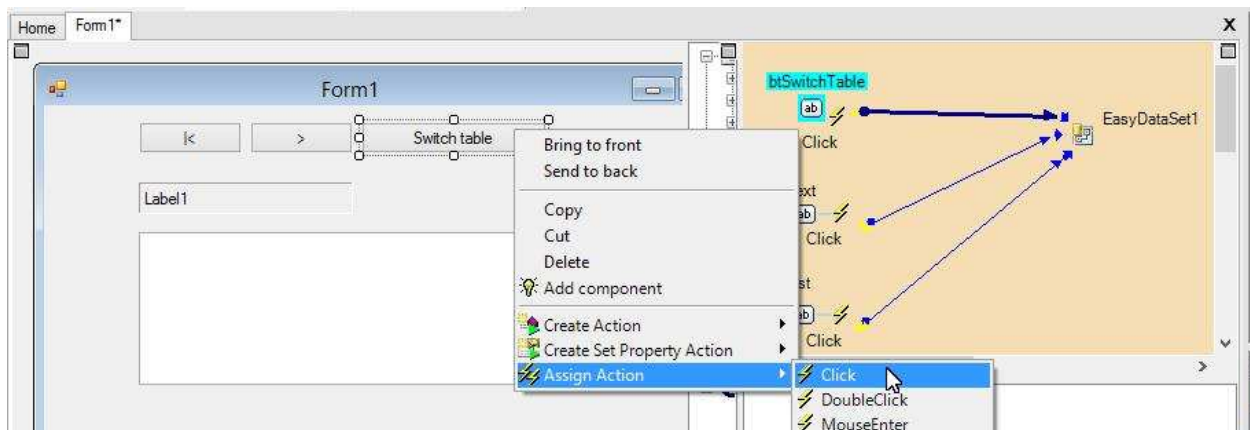


Because in the EasyDataSet uses table name Subjects, so, after switching table name to Subject2 we need to use “as [Subjects]” to keep the query working.

Click OK, the action is created and assigned to the button:

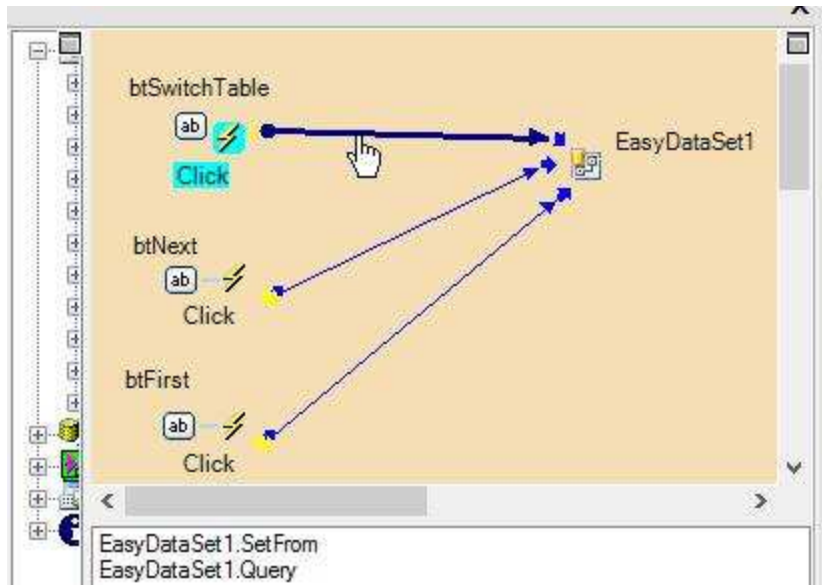
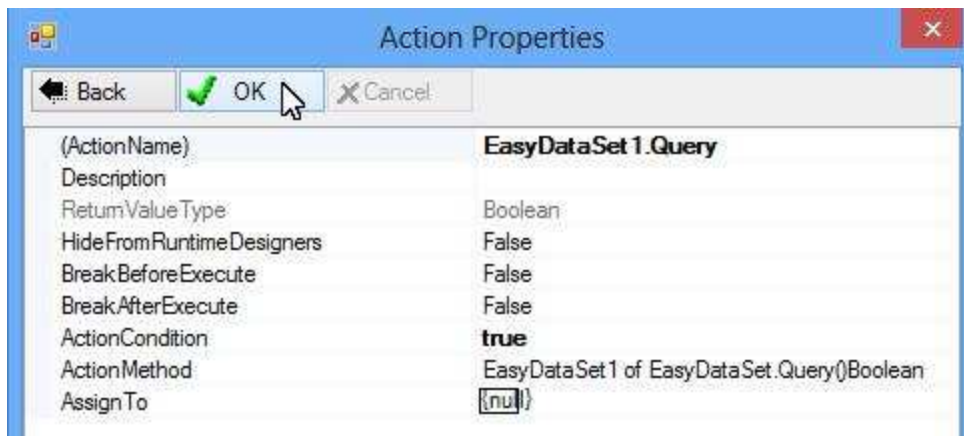


We need to use a Query action to fetch data from the new table after switching to the new table:

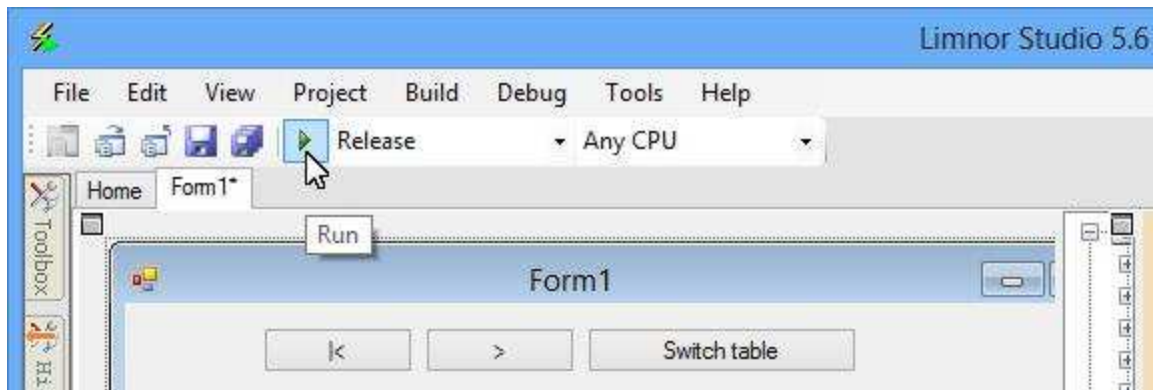




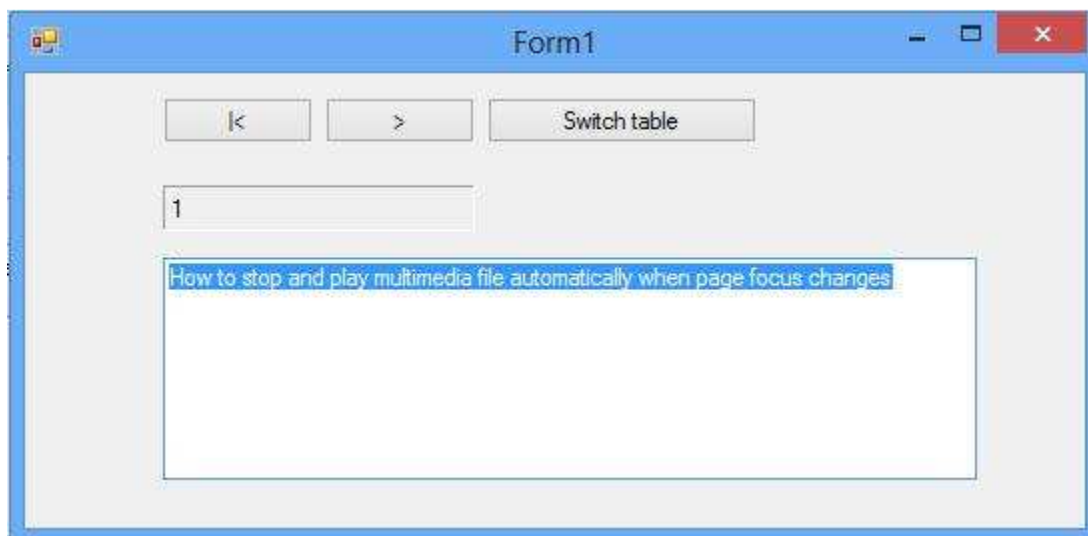
Click OK. The action is created and assigned to the button:



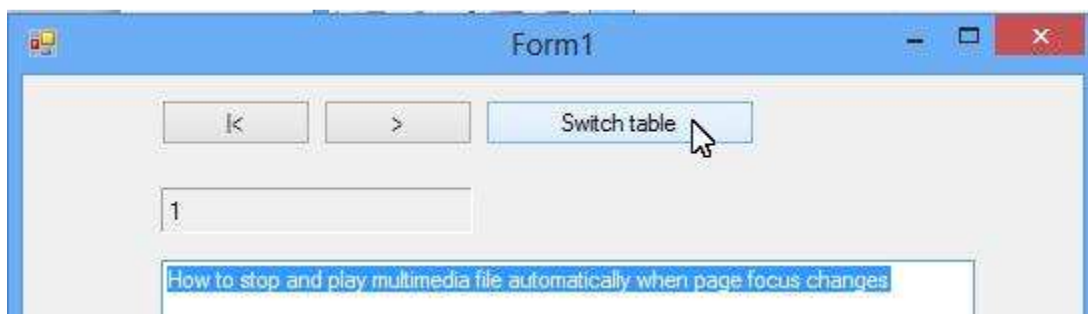
Test: Click Run button to test it at runtime.



The form appears and data from table Subjects appear in the label and the text box:



Click "Switch table". The data from table Subject2 appear on the label and the text box:



Form1

|< > Switch table

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