

```

((
  loadData : function(component, event, helper) {
    component.set("v.columns", [
      { label: "First Name", fieldName: "FirstName", type: "text" },
      { label: "Last Name",   fieldName: "LastName", type: "text" },
      { label: "Email",       fieldName: "Email",    type: "email" },
      { label: "Phone",       fieldName: "Phone",    type: "phone" }
    ]);
    helper.loadContacts(component);
  },

  prevPage : function(component, event, helper){
    var currentPage = component.get("v.pageNumber");
    if(currentPage > 1) {
      component.set("v.pageNumber", currentPage - 1);
      helper.loadContacts(component);
    }
  },

  nextPage : function(component, event, helper){
    var currentPage = component.get("v.pageNumber");
    var totalPages  = component.get("v.totalPages");
    if(currentPage < totalPages) {
      component.set("v.pageNumber", currentPage + 1);
      helper.loadContacts(component);
    }
  },

  gotoPage : function(component, event, helper){
    var target = parseInt(event.getSource().get("v.Label"), 10);
    component.set("v.pageNumber", target);
    helper.loadContacts(component);
  }
})

```

Overview of Controller File

This JavaScript controller defines the client-side logic that handles UI events from the pagination component. It responds to user interactions such as clicking the Previous, Next, or specific page number buttons and coordinates loading the correct records through the helper.

Function: loadData

This function is called on component initialization. It defines the columns to be displayed in the Lightning datatable and immediately calls the helper method loadContacts to fetch the first page of data.

Function: prevPage

Triggered when the user clicks the 'Previous' button. It checks if the current page is greater than 1. If yes, it decreases the page number by 1 and calls the helper to load the previous page's contacts.

Function: nextPage

Triggered when the 'Next' button is clicked. It verifies that the current page number is less than the total available pages. If so, it increments the page number and calls the helper to load new contact records.

Function: gotoPage

Executed when the user clicks a numbered page button. It reads the page number label, sets it as the current page number, and calls the helper to retrieve the contact records for that exact page.