

## JavaScript Objects Arrays and Inner Functions-06

In this lab assignment you will work with objects, arrays, and inner functions. Using these JavaScript components, you will display information about travel destinations.

1. Create a new project in NetBeans called TravelWebsiteJS. Download the starter project from the LMS and copy/paste it into your new project.
2. Create a new repository on GitHub, link it to your NetBeans project, and perform an initial commit and push.
3. Open the starter project HTML file (chapter08-project02.html) and review how it looks. This starter project contains the HTML, images and stylesheet for the finished version. You will be replacing the markup for the four country boxes with a JavaScript loop.
4. In the file data.js, create an array named countries that contains four object literals. Each object literal should contain four properties: name, continent, cities, and photos. The cities and photos properties should be arrays containing the city names and image filenames respectively.
5. In the file functions.js, create a function named outputCountryBox() that has the signature shown below. This function is going to generate the markup (using document.write) for a single country box.  

```
function outputCountryBox(name, continent, cities, photos)
```
6. Inside the outputCountryBox() function, create two inner functions named outputCities() and outputPhotos(). These two functions will have the responsibility to generate the markup for the cities and photo boxes.
7. Replace the markup for the country boxes with a loop through your array of countries. Within this loop, call your outputCountryBox() function, passing it the relevant data from the country objects.

## Final Page

Chapter 08 - Project 02  
chapter08-project02.html

Share Your Travels

Canada  
North America  
Cities  
Calgary  
Montreal  
Toronto  
Popular Photos  
View

United States  
North America  
Cities  
Boston  
Chicago  
New York  
Seattle  
Washington  
Popular Photos  
View

Italy  
Europe  
Cities  
Florence  
Milan  
Naples  
Rome  
Popular Photos  
View

Spain  
Europe  
Cities  
Almeria  
Barcelona  
Madrid  
Popular Photos  
View

Create array of four country object literals that contain name, continent, cities, and photos properties

Create an inner function to output cities box

Create an inner function to output photos box

Replace markup with a JavaScript loop using data in your array of country objects