

Exercises 8-1

Exercise 1

Create a new JSP page. Inside, create a new form. Have your form ask the user to enter their favourite pizza toppings by selecting them from a list. Google if you can't remember how to select multiple items from a single dropdown list. Your users must be able to select multiple toppings per submission, and your list should include **at least five** toppings (your favourites!) to choose from.

Post the form information to a servlet you create called Servlet1.

Make it look pretty! JSPs make formatting HTML so easy to do!

Exercise 2

Have Servlet1 retrieve the parameter(s) posted to it in the doPost method. Note: there may be more than one parameter, though they will all likely have the same name. Hint: you do not want to call the `.getParameter(..)` method, though the other one we want has a similar name!

Store the retrieved parameters as Strings in an ArrayList.

Store the ArrayList as an attribute in the request.

Dispatch forward to a JSP you create called Display.jsp.

Exercise 3

In the body tags of Display.jsp, retrieve the request attribute ArrayList using a scriptlet.

Iterate through the ArrayList and output the Strings in a decent HTML table.

Note: this will probably mean you want to import `java.util` (for ArrayList) in your JSP. Remember, you can import as many classes/packages as you like with just one import attribute in the page directive (separate packages with commas).

The tricky part: for each item selected, print a matching image of the topping. Do not print every possible topping image, just the ones your client selected. Store your images in an images directory off of Web Content.

Include a hyperlink from Display.jsp back to your original JSP page to make testing simpler.