<%@ page language="java" contentType="text/html; charset=UTF-8" pageEncoding="UTF-8" %>

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<title>Ethnicity Finder</title>

</head>

<body>

<!-- JSP Declaration: Define a variable -->

<%!

String ethnicity = "";

%>

<h1>Ethnicity Finder</h1>

<!-- JSP Scriptlet: Get current date and time -->

<%

java.util.Date currentDate = new java.util.Date();

java.text.SimpleDateFormat dateFormat = new java.text.SimpleDateFormat("yyyy-MM-dd HH:mm:ss");

String currentTime = dateFormat.format(currentDate);

%>

<p>Current Date and Time: <%= currentTime %></p>

<form method="post" action="">

<label for="continent">Select your continent:</label>

<select name="continent" id="continent">

<option value="none">-- Select Continent --</option>

<option value="asia">Asia</option>

<option value="europe">Europe</option>

<option value="africa">Africa</option>

<option value="northamerica">North America</option>

<option value="southamerica">South America</option>

<option value="australia">Australia</option>

<option value="antarctica">Antarctica</option>

</select><br>

<label for="country">Select your country:</label>

<select name="country" id="country">

<option value="none">-- Select Country --</option>

<!-- JSP Expressions: Generate country options based on continent -->

<%

String selectedContinent = request.getParameter("continent");

if ("asia".equals(selectedContinent)) {

%>

<option value="india">India</option>

<option value="china">China</option>

<option value="japan">Japan</option>

<%

} else if ("europe".equals(selectedContinent)) {

%>

<option value="germany">Germany</option>

<option value="france">France</option>

<option value="spain">Spain</option>

<%

} // Add more countries for other continents

%>

</select><br>

<!-- JSP Scriptlet: Determine ethnicity based on user input -->

<%

String selectedCountry = request.getParameter("country");

if ("india".equals(selectedCountry)) {

ethnicity = "Indian";

} else if ("china".equals(selectedCountry)) {

ethnicity = "Chinese";

} else if ("japan".equals(selectedCountry)) {

ethnicity = "Japanese";

} else if ("germany".equals(selectedCountry)) {

ethnicity = "German";

} else if ("france".equals(selectedCountry)) {

ethnicity = "French";

} else if ("spain".equals(selectedCountry)) {

ethnicity = "Spanish";

} // Add more ethnicities for other countries

%>

<p>Your ethnicity is: <%= ethnicity %></p>

<input type="submit" value="Submit">

</form>

</body>

</html>