# Century College

## CSCI2006 Spring 17

## Lab4

Due Feb-09 @ 6PM

# Question 1

What will be the output of the following PHP code?

<?php

$states = array("Canada" => array( "population" => "35,000,000", "capital" => "Ottawa"),

"France" => array( "population" => "64,600,000", "capital" => "Paris"),

"Germany" => array( "population" => "82,600,000", "capital" => "Berlin") );

echo "population=" . $states["France"]["population"] . " capital=" . $states["Germany"]["capital"];

?>

Answer:

population=64,600,000 capital=Berlin

# Question 2

Write a function in php which takes two parameters and **returns** (not echos) the HTML representing a link with the destination URL and link text reflecting the parameters passed in.

Answer:

<html>

<head>

<?php

function linker($url, $type)

{

$string = "<a href = '$url'/>$type</a>";

return $string;

}

$var = linker($\_POST["url"], $\_POST["type"]);

echo $var;

?>

</head>

</html>

# Question 3

Notes:

* Replace the ‘%’in reply.php script with ‘?’.
* Add ‘;’ at the end of each echo statement.

<form name="form1" method="post"

action="reply.php">

<input type="text" name="FirstName">

<input type="hidden" name="information"

value="secret message">

<input type="text" name="LastName">

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

</form>

<%php

$lName= $\_POST["LastName"];

$fName = $\_POST["FirstName"];

$message = $\_POST["information"];

echo $fName . "&nbsp;"

echo $lName . "&nbsp;"

echo $message . "&nbsp;"

%>



Browser screen

reply.php

Form.htm

After the user clicks on ‘go’ on the browser screen, what will be displayed?

**Answer:**

John Smith secret message

# Question 4

Write the PHP code that will generate the outcome shown below. You have two arrays already declared with the following information:

$currencies = array( "CAD" => "Canadian Dollar",

"NZD" => "New Zealand Dollar",

"USD" => "US Dollar");

$rates = array( "CAD" => 0.97645,

"NZD" => 1.20642,

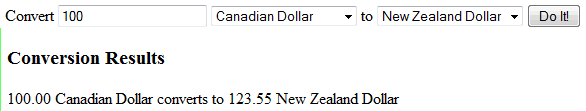
"USD" => 1.0 );

The form fields are as follows:

Conversion amount: srcamt

Base currency: basecurr

Destination currency: destcurr



Answer:

<!DOCTYPE html>

<html lang="en">

<head>

</head>

<body>

<form name="form1" method="post" action="question4.php">

Convert<input type="text" name="srcamt">

<select name="basecurr">

<option>New Zealand Dollars</option>

<option>Canadien Dollars</option>

<option>US Dollars</option>

</select>

to<select name="destcurr">

<option>New Zealand Dollars</option>

<option>Canadien Dollars</option>

<option>US Dollars</option>

</select>

<input type="submit" name="Do it!" value="go">

</form>

<?php

$currencies = array("Canadien Dollars" => "CAD",

"New Zealand Dollars" => "NZD",

"US Dollars" => "USD");

function printResult($initial, $start, $finish, $base, $dest)

{

$rates = array("CAD" => 0.97645,"NZD" => 1.20642,"USD" => 1.0);

$total = ($initial \* (($rates["$finish"])/($rates["$start"])));

$totalTrunc = number\_format($total, 2, '.', '');

$initialTrunc = number\_format($initial, 2, '.', '');

echo "<h3>Conversion Results</h3>";

echo '<p>'.$initialTrunc." ".$base." converts to ".$totalTrunc." ".$dest.'</p>';

}

$initialAmount = $\_POST["srcamt"];

$current = $\_POST["basecurr"];

$final = $\_POST["destcurr"];

$base = $currencies["$current"];

$dest = $currencies["$final"];

if($base == "NZD")

{

if($dest == "CAD")

{

printResult($initialAmount, $base, $dest, $current, $final);

}

elseif ($dest == "USD")

{

printResult($initialAmount, $base, $dest, $current, $final);

}

}

if($base == "CAD")

{

if($dest == "NZD")

{

printResult($initialAmount, $base, $dest, $current, $final);

}

elseif ($dest == "USD")

{

printResult($initialAmount, $base, $dest, $current, $final);

}

}

if($base == "USD")

{

if($dest == "CAD")

{

printResult($initialAmount, $base, $dest, $current, $final);

}

elseif ($dest == "NZD")

{

printResult($initialAmount, $base, $dest, $current, $final);

}

}

?>

</body>

</html>

## What turn in:

1. *This document including your answers.*