



COMP1230

Duration: 45 Minutes

Advanced Web Programming

Objective:

To study about basic Structure of PHP Programs and to study of iteration structures, conditional structures and requests and responses.

Instructions:

1. Create a page called labtest2b.php. Ensure the page structure is a valid XHTML page. Using PHP code, complete the following tasks:
 - a. Create a variable and assign it your student ID. Using the if-else statement, determine if your student ID is odd or even.
Output should be: "My student number (100011100) is even"
 - b. Using any iteration structure, create a loop that starts from 100000000 and ends at your student number. The increment value should be the last four digits of your Student ID. Output each value separated by any character or line break you like. Allow this loop to run for a maximum of 20 times.

(Sample Output Below)

Lab Test 2

My student ID (100011100) is even

100000000
100001100
100002200
100003300
100004400
100005500
100006600
100007700
100008800
100009900
100011000

2. Create a program that will complete the following tasks(on the same page):
 - a. Create a form that has 3 text inputs. The form should submit using the GET method and the action should be to the same PHP page.
 - b. Once the form is submitted, the page should show the original three text inputs, then
 - i. If first parameter value is less then second parameter value:
 1. Use a loop to iterate and print from first parameter value to the second parameter value, incrementing the value by the 3rd parameter
 - ii. Otherwise:
 1. Use a loop to iterate and print from first parameter value to the second parameter value, decrementing the value by the 3rd parameter

(Sample Output Below)

Lab Test 2 Program

Field 1	10
Field 2	15
Field 3	2
<input type="button" value="Submit"/>	

Lab Test 2 Program

first field value is: 10

first field value is: 15

third field value is: 2

10 12 14

OR

Lab Test 2 Program

Field 1	20
Field 2	11
Field 3	3
<input type="button" value="Submit"/>	

Lab Test 2 Program

first field value is: 20

second field value is: 11

third field value is: 3

20 17 14 11

HINTS

- While loop
- For loop
- do while loop
- \$_GET variable
- Switch statement

Upload the file to your gblearn account under comp1230/labs/lab2 folder and call your instructor to mark you lab test. Don't forget to add `show_source(__FILE__)` at the end of your file.