

Activity 2
W220
Lyle Gernert & Hannah Pratt

Activity 1

```
<body>
<p>Day Calculation </p>
<form id="form1" name="form1" method="post" action="birthday.php">
  <p>
    <label for="textfield">Enter the day of your birthday </label>
    <input type="text" name="day" id="textfield" />
  </p>
  <p>
    <label for="textfield2">Enter the month of your birthday in number </label>
    <input type="text" name="month" id="textfield2" />
  </p>
  <p>
    <label for="Enter the year of your birthday in four digits"></label>
    <label for="textfield3">Enter the year of your birthday in four digits </label>
    <input type="text" name="year" id="textfield3" />
  </p>
  <p>Learn how many days you have been living:
    <input type="submit" name="button" id="button" value="Submit" />
  </p>
</form>
<p>&nbsp;</p>
<label for="textfield4"></label>
</body>
</html>
```

```
8 <body>
9 <?php
10 $day=$_POST["day"];
11 $month=$_POST["month"];
12 $year=$_POST["year"];
13 $a2="Y"*365;
14 $a3= ("m"-1)*30;
15 $a1=$b2+$b3+$birthday;
16 $b2=$birthdayyear*365;
17 $b3= ($birthmonth-1)*30;
18 $b1= $b2+$b3+$birthday;
19 $sum= $a1-$b1;
20 echo "You have been living for $sum days";
21 ?>
22 </body>
23 </html>
```

You have been living for (2048000000) days

Day Calculation

Enter the day of your birthday

Enter the month of your birthday in number

Enter the year of your birthday in four digits

Learn how many days you have been living:

PHP:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> <html
xmlns="http://www.w3.org/1999/xhtml"> <head> <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" /> <title>Untitled Document</title> </head>
<body> <?php $day=$_POST["day"]; $month=$_POST["month"];
$year=$_POST["year"]; $a2="Y"*365; $a3= ("m"-1)*30; $a1=$b2+$b3+$birthday;
$b2=$birthday*365; $b3= ($birthmonth-1)*30; $b1= $b2+$b3+$birthday; $sum=
$a1-$b1; echo "You have been living for $sum days"; ?> </body> </html>
```

HTML:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> <html
xmlns="http://www.w3.org/1999/xhtml"> <head> <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" /> <title>Untitled Document</title> </head>
<body> <p>Day Calculation </p> <form id="form1" name="form1" method="post"
action="birthday.php"> <p> <label for="textfield">Enter the day of your birthday
</label> <input type="text" name="day" id="textfield" /> </p> <p> <label
for="textfield2">Enter the month of your birthday in number </label> <input
type="text" name="month" id="textfield2" /> </p> <p> <label for="Enter the year
of your birthday in four digits"></label> <label for="textfield3">Enter the year of your
birthday in four digits </label> <input type="text" name="year" id="textfield3" />
</p> <p>Learn how many days you have been living: <input type="submit"
name="button" id="button" value="Submit" /> </p> </form> <p>&nbsp;</p> <label
for="textfield4"></label> </body> </html>
```

Activity 2

Value is now 5.
 Value is now -2.
 Value is now 7.
 Value is now 42.
 Value is now 26.
 Value is now 28.14.

```

8 <body>
9
10 <?php // opening the document to type in php
11
12 define("PI", "3.14"); // calling PI, 3.14 forever with the use of the word "PI". Define PI as a constant and always equal to 3.14
13 $num = 5.14; // labling "num: as 5.14
14 settype($num, "integer"); //setting the type of the variable as an integer. setting num to be an integer so it will now be set to 5.
  An integer is a whole number.
15
16 echo "Value is now $num.<br/>"; //printing out the value of the number and also bolding it. line is saying num, which is 5+7, so it
  will show 12.
17
18 $num -= 7; //num is assigned to be 7
19 echo "Value is now $num. <br/>"; //printing out the value of the number and also bolding it. now take 12 and now subtract 4 making the
  new value 8.
20
21 $num -= 4; //num is assigned to be 4
22 $num= gettype($num); //getting the type of the variable as stated above. figuring out which data type it is and setting it equal to
  integer.
23 $num=strlen($num); // couting the length of the string. it $sum is less than 12, this will make ths statement true, so it is now equal
  to 7.
24 echo "Value is now $num. <br/>"; //printing out the value of the number and also bolding it
25
26 $num *=6; // is assigning the sum to be 6
27 echo "Value is now $num. <br/>"; //printing out the value of the number and also bolding it. the order of operations, we must fo 6
  first times 2, ewauling 12, and then subtracting 6, givign us 6 again. the num value is now 6.
28
29 $num=2+($num*2-6)-($num%4); // following the arithmetic order to find the number
30 $num /=3; // taking the number above and assigning it to be 3. we set PI TO EQUAL 3.14 so we add sum(2) +3.14 making it eql to 5.14.
31 echo "Value is now $num. <br/>"; //printing out the value of the number and also bolding it
32
33 $num+=PI; //because the echo sign came after this line it is going to show 5.14 and subtract 1 becuase of the two dashes. making it
  4.15
34 $num--;//decreasment of the number. because the echo sign came after this line it is going to show 5.14 and subtract 1 becuase of the
  two dashes. making it 4.15
35 echo "Value is now $num."; //printing out the value of the number and also bolding it
36
37 ?>
38
39 </body>
40 </html>

```

```

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> <html
xmlns="http://www.w3.org/1999/xhtml"> <head> <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" /> <title>Untitled Document</title> </head>
<body> <?php // opening the document to type in php define("PI", "3.14"); // calling PI,

```

3.14 forever with the use of the word "PI". Define PI as a constant and always equal to 3.14

```
$num = 5.14; // labling "num: as 5.14
settype($num, "integer"); //setting the type of
the variable as an integer. setting num to be an integer so it will now be set to 5. An
integer is a whole number. echo "Value is now $num.<br/>"; //printing out the value of
the number and also bolding it. line is saying num, which is 5+7, so it will show 12.
$num -= 7; //num is assigned to be 7 echo "Value is now $num. <br/>"; //printing out the
value of the number and also bolding it. now take 12 and now subtract 4 making the new
value 8. $num -= 4; //num is assigned to be 4 $num= gettype($num); //getting the type
of the variable as stated above. figuring out which data type it is and setting it equal to
integer. $num=strlen($num); // counting the length of the string. if $num is less than 12,
this will make this statement true, so it is now equal to 7. echo "Value is now $num.
<br/>"; //printing out the value of the number and also bolding it $num *=6; // is
assigning the sum to be 6 echo "Value is now $num. <br/>"; //printing out the value of
the number and also bolding it. the order of operations, we must do 6 first times 2,
multiplying 12, and then subtracting 6, gives us 6 again. the num value is now 6.
$num=2+($num*2-6)-($num%4); // following the arithmetic order to find the number
$num /=3; // taking the number above and assigning it to be 3. we set PI TO EQUAL
3.14 so we add sum(2) +3.14 making it equal to 5.14. echo "Value is now $num. <br/>";
//printing out the value of the number and also bolding it $num+=PI; //because the echo
sign came after this line it is going to show 5.14 and subtract 1 because of the two dashes.
making it 4.15 $num--;//decrement of the number. because the echo sign came after
this line it is going to show 5.14 and subtract 1 because of the two dashes. making it 4.15
echo "Value is now $num."; //printing out the value of the number and also bolding it ?>
</body> </html>
```

Activity 3

```

<body>
<form id="form1" name="form1" method="post" action="testaverages.php">
  <p>
    <label for="textfield">Enter the students name </label>
    <input type="text" name="name" id="textfield" />
  </p>
  <p>
    <label for="textfield2">Enter the course name</label>
    <input type="text" name="course" id="textfield2" />
  </p>
  <p>
    <label for="textfield3">Enter the students first exam score</label>
    <input type="text" name="exam1" id="textfield3" />
  </p>
  <p>
    <label for="textfield4">Enter the students second exam score </label>
    <input type="text" name="exam2" id="textfield4" />
  </p>
  <p>
    <label for="textfield5">Enter the students final exam score </label>
    <input type="text" name="exam3" id="textfield5" />
  </p>
  <p>Find the average final grade<
    <input type="submit" name="button" id="button" value="Submit" />
  </p>
</form>

```

```

7
8 <body>
9
10 <?php
11
12 $Enterthesudentsname=$_POST["name"];
13
14 $Enterthecoursename=$_POST["course"];
15
16 $Enterthestudentsfirstexamscore=$_POST["exam1"];
17
18 $Enterthestudentssecondexamscore=$_POST["exam2"];
19
20 $Enterthestudentsfinalexamscore=$_POST["exam3"];
21
22 $saverage=$Enterthestudentsfirstexamscore*.2+$Enterthestudentssecondexamscore*.3+$Enterthestudentsfinalexamscore*.5;
23 |
24
25 echo "$Enterthesudentsname $Enterthecoursename your score is in the programming course is ($saverage)";
26
27 ?>
28 </body>
29 </html>

```

Enter the students name

Enter the course name

Enter the students first exam score

Enter the students second exam score

Enter the students final exam score

Find the average final grade

lyle gernert your score is in the programming course is (77)

HTML:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> <html
xmlns="http://www.w3.org/1999/xhtml"> <head> <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" /> <title>Test averages</title> </head> <body>
<form id="form1" name="form1" method="post" action="testaverages.php"> <p>
<label for="textfield">Enter the students name </label> <input type="text"
name="name" id="textfield" /> </p> <p> <label for="textfield2">Enter the course
name</label> <input type="text" name="course" id="textfield2" /> </p> <p>
<label for="textfield3">Enter the students first exam score</label> <input type="text"
name="exam1" id="textfield3" /> </p> <p> <label for="textfield4">Enter the
students second exam score</label> <input type="text" name="exam2"
id="textfield4" /> </p> <p> <label for="textfield5">Enter the students final exam
score</label> <input type="text" name="exam3" id="textfield5" /> </p> <p>Find
the average final grade <input type="submit" name="button" id="button"
value="Submit" /> </p> </form> </body> </html>
```

PHP:

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd"> <html
xmlns="http://www.w3.org/1999/xhtml"> <head> <meta http-equiv="Content-Type"
content="text/html; charset=UTF-8" /> <title>Untitled Document</title> </head>
<body> <?php $Enterthesudentsname=$_POST["name"];
$Enterthecoursename=$_POST["course"];
$Enterthestudentsfirstexamscore=$_POST["exam1"];
$Enterthestudentssecondexamscore=$_POST["exam2"];
```

```
$Enterthestudentsfinalexamscore=$_POST["exam3"];
$average=$Enterthestudentsfirstexamscore*.2+$Enterthestudentssecondexamscore*.3+$
Enterthestudentsfinalexamscore*.5; echo "$Enterthesudentsname $Enterthecoursename
your score is in the programming course is ($average)"; ?> </body> </html>
```