Name: Shahzor Khan

Submission Lab Practicum 1

Helios link: <https://helios.vse.gmu.edu/~skhan204/IT207/LAB2/>

**part1\_input.php**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Lab 2</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../it207.css" type="text/css" />

<link rel="stylesheet" href="practicum1.css" type="text/css" />

</head>

<body>

<div class="flex\_container">

<div class="left1">

<?php include("../menu.inc"); ?>

</div>

<div class="right1">

<?php include("../header.php"); ?>

<div class="right\_container">

<div>

<div class="main\_container">

<div class="practicum\_container">

<div class="title">

<h1>Metabolic Equivalents Energy Expender</h1>

</div>

<div class="stats">

<form action="part1\_actionpage.php" method="POST">

Weight:<input type="text" name="weight"/>Pounds</br>

Running(at 6mph)<br/>

Duration:<input type="text" name="running"/>Minutes<br/>

Basketball<br/>

Duration:<input type="text" name="basketball"/>Minutes<br/>

Sleep<br/>

Duration:<input type="text" name="sleep"/>hours<br/>

<br/>

<div class="calculate">

<input type='submit' name='submit' Value='Calculate'/>

</div>

<p><a href="https://helios.vse.gmu.edu/~skhan204/IT207/LABP1/part2\_input.php"/> Part 2 here</a></p>

</form>

</div>

</div>

</div>

<div class="footer\_container">

<p class="footer\_content">

<?php include("../footer.inc"); ?>

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<?php echo "<br /><br />", "Current PHP version: " . phpversion(); ?>

</p>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

**Part1\_actionpage.php**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Lab 2</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../it207.css" type="text/css" />

<link rel="stylesheet" href="practicum1.css" type="text/css" />

</head>

<body>

<div class="flex\_container">

<div class="left1">

<?php include("../menu.inc"); ?>

</div>

<div class="right1">

<?php include("../header.php"); ?>

<div class="right\_container">

<div>

<div class="main\_container">

<div class="practicum\_container">

<div class="title">

<h2>Metabolic Equivalent Energy Expended</h2>

</div>

<div class="stats">

<?php

$weight = ($\_POST['weight'] / 2);

$running\_time = $\_POST['running'];

$bball\_time = $\_POST['basketball'];

$sleep\_time = $\_POST['sleep'];

echo "For a $weight pound person, it is estimated that:<br/>";

$running\_calories = (0.0175 \* 10 \* $weight) \* $running\_time;

echo "$running\_calories calories were burned during running<br/>";

$bball\_calories = (0.0175 \* 8 \* $weight) \* $bball\_time;

echo "$bball\_calories calories were burned playing basketball<br/>";

$sleep\_calories = (0.0175 \* 1 \* $weight) \* $sleep\_time;

echo "$sleep\_calories were calories burned sleeping<br/>";

?>

</div>

<div class="calculate">

<?php

$total\_calories = $running\_calories + $bball\_calories + $sleep\_calories;

echo "Total Calories expended: $total\_calories";

?>

</div>

<p><a href="https://helios.vse.gmu.edu/~skhan204/IT207/LABP1/part2\_input.php"/> Return to Form Page</a></p>

</div>

</div>

<div class="footer\_container">

<p class="footer\_content">

<?php include("../footer.inc"); ?>

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<?php echo "<br /><br />", "Current PHP version: " . phpversion(); ?>

</p>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

**Part2\_input.php**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Lab 2</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../it207.css" type="text/css" />

<link rel="stylesheet" href="practicum1.css" type="text/css" />

</head>

<body>

<div class="flex\_container">

<div class="left1">

<?php include("../menu.inc"); ?>

</div>

<div class="right1">

<?php include("../header.php"); ?>

<div class="right\_container">

<div class="main\_container">

<div class="practicum\_container">

<div class="title">

<h1>Midway Coupon Distribution</h1>

</div>

<div class="stats">

<form action="part2\_actionpage.php" method="POST">

Total Number of Coupons:<input type="text" name="coupon\_number"/></br>

<div class="calculate">

<input type='submit' name='submit' Value='Calculate'/>

</div>

<p><a href="https://helios.vse.gmu.edu/~skhan204/IT207/LABP1/part1\_input.php"/> Part 1 Here</a></p>

</form>

</div>

</div>

</div>

<div class="footer\_container">

<p class="footer\_content">

<?php include("../footer.inc"); ?>

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<?php echo "<br /><br />", "Current PHP version: " . phpversion(); ?>

</p>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

**Part2\_actionpage.php**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Lab 2</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../it207.css" type="text/css" />

<link rel="stylesheet" href="practicum1.css" type="text/css" />

</head>

<body>

<div class="flex\_container">

<div class="left1">

<?php include("../menu.inc"); ?>

</div>

<div class="right1">

<?php include("../header.php"); ?>

<div class="right\_container">

<div>

<div class="main\_container">

<div class="practicum\_container">

<div class="title">

<h2>Coupon distribution Results</h2>

</div>

<div class="stats">

<?php

$coupon\_number = $\_POST['coupon\_number'];

echo "For $coupon\_number you can get:<br />";

$candy\_bar = floor($coupon\_number / 10);

echo "$candy\_bar candy bars<br />";

for ($count=1; $count<=$candy\_bar; $count++){

echo "0";

}

$holder\_number = $coupon\_number - ($candy\_bar \* 10);

$gumball = floor($holder\_number / 3);

echo "<br />$gumball gumballs<br />";

for ($count=1; $count<=$gumball; $count++){

echo "0";

}

$left\_overs = $coupon\_number - (($candy\_bar \* 10) + ($gumball \* 3));

echo "<br />$left\_overs coupon left over<br />";

for ($count=1; $count<=$left\_overs; $count++){

echo "0";

}

?>

</div>

<div class="calculate">

<?php

echo "Legend: Candy Bar = 10 | Gumball = 3";

?>

</div>

<p><a href="https://helios.vse.gmu.edu/~skhan204/IT207/LABP1/part1\_input.php"/> Return to Form Page</a></p>

</div>

</div>

<div class="footer\_container">

<p class="footer\_content">

<?php include("../footer.inc"); ?>

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<?php echo "<br /><br />", "Current PHP version: " . phpversion(); ?>

</p>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

**Practicum1.css**

.title{

padding:11px;

height: 71px;

color: black;

border-left: 1px solid lightgrey;

border-right:1px solid lightgrey;

background-color: silver;

font-size: 15px;

font-family: sans-serif;

font-weight:bold;

letter-spacing: 2px;

}

.stats{

background-color:lightblue;

border-left: 1px solid lightgrey;

color: black;

border-right: 1px solid lightgrey;

font-weight:bold;

font-family:sans-serif;

font-size:15px;

padding: 11px;

}

.calculate{

border-right: 1px solid lightgrey;

border-left: 2px solid lightgrey;

padding: 15px;

text-align: right;

font-weight: bold;

border-bottom: 1px solid lightgrey;

font-family: sans-serif;

background: lightgrey;

}

.practicum\_container {

display: block;

flex-direction: column;

justify-content: center;

align-items: center;

text-align: center;

background: lightgrey;

}

**Menu.inc**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="it207.css" type="text/css"/>

</head>

<body>

<a href="https://helios.vse.gmu.edu/~skhan204/IT207/">Home </a> <br/>

<h4> Lab Assignments</h4>

<ul class="menuitems">

<li>

<a href="https://helios.vse.gmu.edu/~skhan204/IT207/LAB1/index.php">Assignment 1</a> <br/>

</li>

<li>

<a href="LAB2/lab2.html">Assignment 2</a> <br/>

</li>

<li>

<a href="LAB3/lab3.html">Assignment 3</a> <br/>

</li>

<li>

<a href="LAB4/lab4.html">Assignment 4</a> <br/>

</li>

</ul>

<h4>Lab Practicum</h4>

<ul class="menuitems">

<li>

<a href="LABP1/practicum1.html">Practicum 1</a> <br/>

</li>

<li>

<a href="LABP2/practicum2.html">Practicum 2</a> <br/>

</li>

</ul>

</body>

</html>

**header.inc**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>TODO supply a title</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="it207.css" type="text/css"/>

</head>

<body>

<div id="outer" class="flex\_container" >

<div id="test" class="left\_container">

<p>

<b>IT104, A02, Summer 2021</b> <br /> Rajendra Mallampati <br /> George Mason University

</p>

</div>

<div id="left" class="left\_container1">

<p>

<b>Shahzor Khan</b> <br /> <a href="mailto:skhan204@masonlive.gmu.edu">skhan204@masonlive.gmu.edu</a> <br />

<?php

echo "Last Modified: " . date('H:i F d, Y', getlastmod());

?>

</p>

</div>

</div>

</body>

</html>

**finalgrade.php**

<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN"

"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml">

<head>

<title>Lab 1</title>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../it207.css" type="text/css" />

<link rel="stylesheet" href="../finalgrade.css" type="text/css" />

</head>

<body>

<div class="flex\_container">

<div class="left1">

<?php include("../menu.inc"); ?>

</div>

<div class="right1">

<?php include("../header.php"); ?>

<div class="right\_container">

<div class ="gradeform">

<?php

//participation values

$earned\_participation = $\_POST['earnedParticipation'];

$max\_participation = $\_POST['maxParticipation'];

$weighted\_participation = $\_POST['weightParticipation'];

settype($earned\_participation, "int");

settype($max\_participation, "int");

settype($weighted\_participation, "int");

//quiz values

$earned\_quiz = $\_POST['earnedQuiz'];

$max\_quiz = $\_POST['maxQuiz'];

$weighted\_quiz = $\_POST['weightQuiz'];

settype($earned\_quiz, "int");

settype($max\_quiz, "int");

settype($weighted\_quiz, "int");

//lab values

$earned\_lab = $\_POST['earnedLab'];

$max\_lab = $\_POST['maxLab'];

$weighted\_lab = $\_POST['weightLab'];

settype($earned\_lab, "int");

settype($max\_lab, "int");

settype($weighted\_lab, "int");

//Practicum values

$earned\_practicum = $\_POST['earnedPracticum'];

$max\_practicum = $\_POST['maxPracticum'];

$weighted\_practicum = $\_POST['weightPracticum'];

settype($earned\_practicum, "int");

settype($max\_practicum, "int");

settype($weighted\_practicum, "int");

function earned\_percentage($earned\_value, $max\_value) {

$output = ($earned\_value/$max\_value)\*100;

return $output;

}

$participation\_grade = earned\_percentage($earned\_participation, $max\_participation);

$quiz\_grade = earned\_percentage($earned\_quiz, $max\_quiz);

$lab\_grade = earned\_percentage($earned\_lab, $max\_lab);

$practicum\_grade = earned\_percentage($earned\_practicum, $max\_practicum);

function weighted\_calculator($grade\_percent, $weight\_percent){

$output = ($grade\_percent/100) \* ($weight\_percent/100);

return $output;

}

$participation\_weighted = weighted\_calculator($participation\_grade, $weighted\_participation)\*100;

$quiz\_weighted = weighted\_calculator($quiz\_grade, $weighted\_quiz)\*100;

$lab\_weighted = weighted\_calculator($lab\_grade, $weighted\_lab)\*100;

$practicum\_weighted = weighted\_calculator($practicum\_grade, $weighted\_practicum)\*100;

echo "You earned a ", round($participation\_grade,2), "% for Participation, with weighted value of ", round($participation\_weighted,2), "% <br />";

echo "<br /> You earned a ", round($quiz\_grade,2), "% for Quiz, with weighted value of ", round($quiz\_weighted,2), "% <br />";

echo "<br /> You earned a ", round($lab\_grade,2), "% for Lab, with weighted value of ", round($lab\_weighted,2), "% <br />";

echo "<br /> You earned a ", round($practicum\_grade,2), "% for Practicum, with weighted value of ", round($practicum\_weighted,2), "% <br />";

$final\_grade = (($participation\_weighted) + ($quiz\_weighted) + ($lab\_weighted) + ($practicum\_weighted));

($final\_grade >= 95) ?

$letter\_grade = "A+" :

(($final\_grade >= 90 and $final\_grade <= 95) ?

$letter\_grade = "A" :

(($final\_grade >= 85 and $final\_grade <= 90) ?

$letter\_grade = "B+" :

(($final\_grade >= 80 and $final\_grade <= 85) ?

$letter\_grade = "B" :

(($final\_grade >= 75 and $final\_grade <= 80) ?

$letter\_grade = "C+" :

(($final\_grade >= 70 and $final\_grade <= 75) ?

$letter\_grade = "C" :

(($final\_grade >= 60 and $final\_grade <= 70) ?

$letter\_grade = "D" :

(($final\_grade >= 0 and $final\_grade <= 60) ?

$letter\_grade = "F" :

$letter\_grade = "You entered a negative amount")))))));

echo "<br /><b> Your Final Grade is a ", round($final\_grade,2), "%, which is a ", $letter\_grade, "</b>";

?>

</div>

<div class="footer\_container">

<p class="footer\_content">

<?php include("../footer.inc"); ?>

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<?php echo "<br /><br />", "Current PHP version: " . phpversion(); ?>

</p>

</div>

</div>

</div>

</div>

</div>

</body>

</html>

**It207.css**

.description {

font-family: sans-serif;

font-size: 25px;

color: red;

}

.flex\_container {

flex-basis: 100%;

display: flex;

background: #81A594;

height: auto;

}

.two\_box {

display: flex;

flex-direction: row;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin: 0px;

padding: 0px;

outline: 1px;

outline-color: #D3D3D3;

border-style: solid;

}

.right\_container {

display: flex;

flex-direction: column;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin-left: 10px;

margin-right: 10px;

padding: 1px;

border: aqua;

flex-basis: 75%;

}

.left\_container {

display: flex;

flex-direction: column;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin: 10px;

padding: 10px;

background: #E6E6DC;

flex-basis: 100%;

text-align: center;

font-size: x-large;

}

.left\_container1 {

display: flex;

flex-direction: column;

flex-basis: 100%;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin: 10px;

padding: 10px;

background: #E6E6DC;

text-align: center;

font-size: x-large;

}

.left\_container2 {

display: flex;

flex-direction: column;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin: 10px;

padding: 10px;

background: #D3D3D3;

flex-basis: 35%;

}

.content {

display: flex;

flex-direction: column;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin: 10px;

background: #D3D3D3;

flex-basis: 70%;

}

.nav\_links {

display: flex;

flex-direction: column;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin: 10px;

background: #D3D3D3;

flex-basis: 30%;

}

.footer {

display: flex;

flex-direction: column;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

margin: 10px;

padding: 10px;

background: #D3D3D3;

flex-basis: 100%;

}

.flex\_container.left {

text-align: center;

}

element.style {

flex-basis: 10%;

background-color: #D3D3D3;

align-items: center;

align-content: center;

text-align: center;

}

.footer\_content {

text-align: center;

}

div.left1 {

flex-basis: 15%;

background-color: #E6E6DC;

text-align: center;

margin-top: 10px;

margin-left: 10px;

margin-bottom: 10px;

margin-right: 5px;

padding: 15px;

font-size: 25px;

}

div.right1 {

flex-basis: 100%;

}

div.left2 {

flex-basis: 50%;

background-color: #E6E6DC;

text-align: center;

border-style: solid;

border-color: #00628B;

border-width: 10px

}

div.left\_container\_pic {

display: flex;

flex-direction: column;

flex-wrap: wrap;

flex-shrink: 1;

flex-grow: 1;

background: #E6E6DC;

flex-basis: 30%;

text-align: center;

}

div.profile\_picture {

background-color: #E6E6DC;

border-style: solid;

border-color: #00628B;

border-width: 5px;

}

div.left\_summary\_container {

background-color: #E6E6DC;

text-align: center;

padding-left: 10px;

border-style: solid;

border-color: #00628B;

border-width: 5px;

}

.p {

font-family: 'Times New Roman', serif;

font-size: 1em;

}

div.footer\_container {

background-color: #E6E6DC;

margin-top: 10px;

margin-bottom: 10px;

text-align: center;

padding:10px;

margin-left: 10px;

margin-right: 10px;

font-size: large;

}

li {

text-align: left;

}

div.right2 {

background-color: #E6E6DC;

text-align: left;

border-style: solid;

border-color: #00628B;

border-right-width: 15px;

border-bottom-width: 15px;

border-top-width: 15px;

flex-basis: 73%;

}

h2 {

text-align: center;

text-decoration: underline;

}

p.detail {

font-size: 15pt;

}

a:link {

color: #00628B;

background-color: transparent;

text-decoration: none;

}

a:visited {

color: #red;

background-color: transparent;

text-decoration: none;

}

a:hover {

color: #81A594;

background-color: transparent;

text-decoration: underline;

}

a:active {

color: purple;

background-color: transparent;

text-decoration: underline;

}

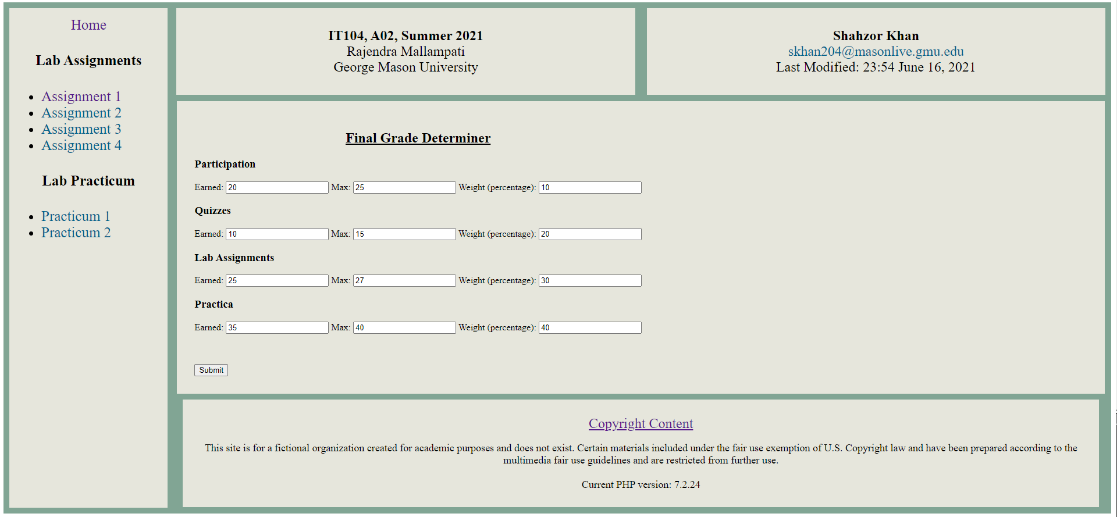
a.copyright\_tag {

font-size: x-large;

text-decoration: underline;

}

Screenshots:

Graphical user interface, text, application

Description automatically generated