**Instructions: Please read carefully**

* Submit the file before **1:59pm on 25/10/2020** in your **github repository** in **Lab task 2 folder. If you cannot complete the full task, do not worry. Just upload what you have completed.**
* **You must upload a screenshot of each task also**
* You can take help from your class mate or internet but don’t copy from them. Its important for you to learn

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Create a PHP script for the following layout:**   * **Write everything in a single PHP script.**  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | **EXPERIMENT NAME**  Designing HTML form using PHP with validation of user inputs  **OBJECTIVE**  This assessment item is designed to give you some practice on validating user inputs using PHP. ASSESSMENT TASK  |  |  |  |  | | --- | --- | --- | --- | |  | |  |  | | --- | --- | |  | **Validation Rules**   1. Cannot be empty 2. Contains at least two   words   1. Must start with a letter 2. Can contain **a-z**, **A-Z,**   **period,** **dash** only |   Design the following HTML form and perform the following validations | |  | Design the following HTML form and perform the following validations   |  |  | | --- | --- | |  | **Validation Rules**   1. Cannot be empty 2. Must be a valid 3. email\_address :   anything@example.  Com | | |  | Design the following HTML form and perform the following validations   |  |  | | --- | --- | |  | **Validation Rules**   1. Cannot be empty 2. Must be valid numbers   (dd: 1-31, mm: 1-12,  yyyy: 1953-1998) | | |  | Design the following HTML form and perform the following validations   |  |  | | --- | --- | |  | **Validation Rules**   1. At least one of them   must be selected | | |  | Design the following HTML form and perform the following validations   |  |  | | --- | --- | |  | **Validation Rules**   1. At least two of them   must be selected | | |  | Design the following HTML form and perform the following validations   |  |  | | --- | --- | |  | **Validation Rules**   1. Must be selected | | | |

<?php

$name=$Email=$gender=$DEGREE=$dob=$bldgrp="";

$name\_err=$email\_err=$gen\_err=$deg\_err=$date\_err=$month\_err=$year\_err=$bld\_err="";

if($\_SERVER['REQUEST\_METHOD']=='POST')

{

if(isset($\_POST['btn\_name']))

{

if(empty($\_POST['name']))

{

$name\_err="NAME CAN'T BE EMPTY";

}

        else

        {

           if(str\_word\_count($\_POST['name'])<=1)

   {

   $name\_err="NAME CAN'T BE less than 2 WORDS";

   }

   else

   {

    if(!preg\_match("/^[a-z]/i", $\_POST['name']))

    {

     $name\_err="MUST START WITH LETTER A";

    }

    else

    {

       if(!preg\_match("/[a-z]- \./i", $\_POST['name']) && !strstr($\_POST['name'],' '))

       {

       $name\_err="SPECIAL CHARACTER IS PROHIBITED";

       }

       else

       {

      $name=htmlspecialchars($\_POST['name']);

       }

    }

}

}

}

if(isset($\_POST['btn\_email']))

{

if(empty($\_POST['Email']))

{

$email\_err="EMAIL CAN NOT BE EMPTY";

}

else

{

if(!filter\_var($\_POST['Email'], FILTER\_VALIDATE\_EMAIL))

{

$email\_err="PLEASE GIVE A VALID EMAIL";

}

else

{

$Email=htmlspecialchars($\_POST['Email']);

}

    }

}

if(isset($\_POST['btn\_dob']))

{

if(empty($\_POST['date']))

{

$date\_err="DATE CAN NOT BE EMPTY";

}

else

{

   if(($\_POST['date']+0)>=32 || ($\_POST['date']+0)<=0)

   {

   $date\_err="INVALID DATE";

   }

}

if(empty($\_POST['month']))

{

$month\_err="MONTH CAN NOT BE EMPTY";

}

    else

    {

   if(($\_POST['month']+0)>=13 || ($\_POST['month']+0)<=0)

   {

    $month\_err="INVALID month";

   }

    }

if(empty($\_POST['year']))

{

$year\_err="YEAR CAN NOT BE EMPTY";

}

else

{

if(($\_POST['year']+0)<=1952 || ($\_POST['year']+0)>=1999)

{

$year\_err="INVALID year";

}

}

}

if(isset($\_POST['btn\_gender']))

{

if(empty($\_POST['gender']))

{

$gen\_err="GENDER CAN NOT BE EMPTY";

}

}

if(isset($\_POST['btn\_bldgrp']))

{

if(empty($\_POST['bldgrp']))

{

$bld\_err="PLEASE SELECT A BLOOD GROUP";

}

}

if(isset($\_POST['btn\_degree']))

{

if(count($\_POST['deg'])<=1)

{

$deg\_err="PLEASE SELECT AT LEAST TWO DEGREE";

}

}

}

?>

<!DOCTYPE html>

<html>

<head>

    <title>lab\_2</title>

</head>

<body>

    <div align=center>

        <form method="post" action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]);?>">

        <fieldset style="width: 250px">

        <LEGEND>EMAIL</LEGEND>

             <input type="email" name="Email" size="25" ><span><?php echo $email\_err;?></span>

             <hr>

             <input type="submit" name="btn\_email">

            </fieldset>

            <fieldset style="width: 250">

                <legend>DATE OF BIRTH</legend>

                 <pre>   dd      mm      yyyy</pre>

                <input type="number" name="date" size="2" >&#32;&#47;&#32;

                <input type="number" name="month" size="2">&#32;&#47;&#32;

                <input type="number" name="year" size="4" >

                <div><div><?php echo $date\_err;?></div><div><?php echo $month\_err;?></div><div><?php echo $year\_err;?></div></div>

                <hr>

             <input type="submit" name="btn\_dob">

            </fieldset>

            <fieldset style="width: 200px">

                <legend>GENDER</legend>

                <input type="radio" name="gender"value="Male">Male

                <input type="radio" name="gender"value="fmale">Female

                <input type="radio" name="gender"value="others">others

                <div><?php echo $gen\_err;?></div>

                <hr>

             <input type="submit" name="btn\_gender">

            </fieldset>

            <fieldset style="width: 250px">

                <legend>DEGREE</legend>

                <input type="checkbox" name="deg[]" value="SSC">SSC

                <input type="checkbox" name="deg[]" value="HSC">HSC

                <input type="checkbox" name="deg[]" value="BSc">BSc

                <input type="checkbox" name="deg[]" value="MSc">MSc

                <div><?php echo $deg\_err;?></div>

                <hr>

             <input type="submit" name="btn\_degree">

            </fieldset>

            <fieldset style="width: 200px">

                <legend>BLOOD GROUP</legend>

                <select name="bldgrp">

                <option selected disabled value=""></option>

                <option value="A+">A+</option>

                <option value="A-">A-</option>

                <option value="B+">B+</option>

                <option value="B-">B-</option>

                </select>

                 <div><?php echo $bld\_err;?></div>

                <hr>

             <input type="submit" name="btn\_bldgrp">

            </fieldset>

             <fieldset style="width: 200px">

         <LEGEND>NAME</LEGEND>

             <input type="text" name="name" size="20"><span><?php echo $name\_err;?></span>

             <hr>

             <input type="submit" name="btn\_name">

            </fieldset>

         </form>

    </div>

</body>

</html>

