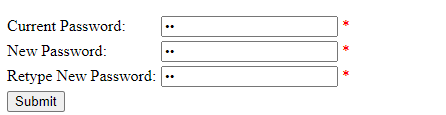
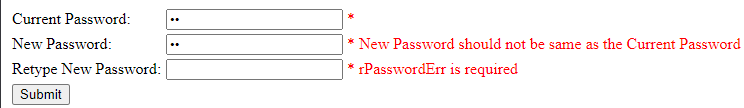
**Instructions: Please read carefully**

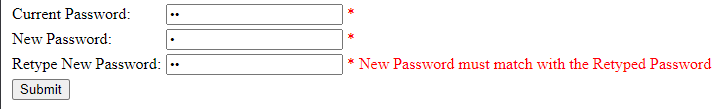
* Please rename this file as only your ID number **(e.g. 18-\*\*\*\*\*-1.doc or 18-\*\*\*\*\*-1.pdf).**
* Submit the file before **11:59pm on 20/07/2020 (Monday)** in the portal upload link labeled **Lab task 3. If you cannot complete the full task, do not worry. Just upload what you have completed.**
* You can take help from your class mate or internet but don’t copy from them. It’s important for you to learn.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Create a PHP script for the following layout:**  **EXPERIMENT NAME**  Designing HTML Login, Change Password forms using PHP with validation of user inputs  **OBJECTIVE**  This assessment item is designed to give you some practice on validating forms using PHP. ASSESSMENT TASK  |  |  | | --- | --- | |  | Design the following HTML form and perform following validations    **Validation Rules**   1. **User Name** can contain **alpha numeric characters, period,** **dash** or   **underscore** only   1. **User Name** must contain at least two (2) characters 2. **Password** must not be less than eight (8) characters 3. **Password** must contain at least one of the special characters (@, #, $,   %) | |  | Design the following HTML form and perform following validations    **Validation Rules**   1. **New Password** should not be same as the **Current Password** 2. **New Password** must match with the **Retyped Password** | |  | Design the following HTML form and perform following validations    **Validation Rules**   1. **Picture** formatmust be in **jpeg** or **jpg** or **png** 2. **Picture** size should not be more than **4MB** | |  | Design the following HTML form and perform appropriate validations | |
| Your PHP code here:  **1st:**  <!DOCTYPE *HTML*>  <html>  <head>      <style>  *.error* {              color: #FF0000;          }  *#date* {              width: 27px;          }  *#form* {              text-align: left;          }      </style>  </head>  <body>      <?php      $nameErr = $dBirth = $Gender = $password =  $passErr = $name = "";  *if* ($\_SERVER["REQUEST\_METHOD"] == "POST") {  *if* (empty($\_POST["name"])) {              $nameErr = "UserName is required";          } *else* {              $name = test\_input($\_POST["name"]);  *if* (!preg\_match("/^[a-zA-Z  \_]\*$/", $name)) {                  $nameErr = "Only letters  space allowed";              } *elseif* (strlen($\_POST["name"]) < 2) {                  $nameErr = "Must Contain 2 characters";              }          }  *if* (empty($\_POST["password"])) {              $passErr = "Email is required";          } *else* {              $password = test\_input($\_POST["password"]);  *if* (strlen($\_POST["password"]) > 8) {                  $passErr = "Must Contain less then 8 characters";              } *elseif* (!preg\_match("/[@#$%]\*$/", $password)) {                  $passErr = "Password must contain at least one of the special characters (@, #, $,%)";              }          }      }      function test\_input($data)      {          $data = trim($data);          $data = stripslashes($data);          $data = htmlspecialchars($data);  *return* $data;      }      ?>      <form *id*="form" *method*="post" *action*="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>">          User Name: <input *type*="text" *name*="name" *value*=<?php echo $name ?>>          <span *class*="error">\* <?php echo $nameErr; ?></span>          <br><br>          Password: <input *type*="password" *name*="password" *value*=<?php echo $password ?>>          <span *class*="error">\* <?php echo $passErr; ?></span>          <br><br>          <input *type*="submit" *name*="submit" *value*="Submit">          <spn> <a *href*="#">Forgot Password?</a></spn>      </form>  </body>  </html>  **2nd:**  <!DOCTYPE *HTML*>  <html>  <head>      <style>  *.error* {              color: #FF0000;          }  *#date* {              width: 27px;          }  *#form* {              text-align: left;          }      </style>  </head>  <body>      <?php      $cPassword = $nPassword = $rPassword =  $cPasswordErr = $nPasswordErr = $rPasswordErr = "";  *if* ($\_SERVER["REQUEST\_METHOD"] == "POST") {  *if* (empty($\_POST["cPassword"])) {              $cPasswordErr = "cPassword is required";          }  *if* (empty($\_POST["nPassword"])) {              $nPasswordErr = "nPassword is required";          } *else* {  *if* ($\_POST["cPassword"] == $\_POST["nPassword"]) {                  $nPasswordErr = "New Password should not be same as the Current Password";              }          }  *if* (empty($\_POST["rPassword"])) {              $rPasswordErr = "rPasswordErr is required";          } *else* {  *if* ($\_POST["rPassword"] <> $\_POST["nPassword"]) {                  $rPasswordErr = "New Password must match with the Retyped Password";              }          }      }      function test\_input($data)      {          $data = trim($data);          $data = stripslashes($data);          $data = htmlspecialchars($data);  *return* $data;      }      ?>      <form *id*="form" *method*="post" *action*="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>">          <table>              <tr>                  <td>                      Current Password:                  </td>                  <td>                      <input *type*="password" *name*="cPassword" *value*=<?php echo $\_POST["cPassword"] ?>>                      <span *class*="error">\* <?php echo $cPasswordErr; ?></span>                  </td>              </tr>              <br><br>              <tr>                  <td>                      New Password:                  </td>                  <td>                      <input *type*="password" *name*="nPassword" *value*=<?php echo $\_POST["nPassword"] ?>>                      <span *class*="error">\* <?php echo $nPasswordErr; ?></span>                  </td>              </tr>              <br><br>              <tr>                  <td>                      Retype New Password:                  </td>                  <td>                      <input *type*="password" *name*="rPassword" *value*=<?php echo $\_POST["rPassword"] ?>>                      <span *class*="error">\* <?php echo $rPasswordErr; ?></span>                  </td>              </tr>              <br><br>              <tr>                  <td>                      <input *type*="submit" *name*="submit" *value*="Submit">                  </td>              </tr>          </table>      </form>  </body>  </html>  **3rd:**  <?php  $target\_dir = "uploads/";  $target\_file = $target\_dir . basename($\_FILES["fileToUpload"]["name"]);  $uploadOk = 1;  $imageFileType = strtolower(pathinfo($target\_file, PATHINFO\_EXTENSION));  $msg = "";  *// Check if image file is a actual image or fake image*  *if* (isset($\_POST["submit"])) {      $check = getimagesize($\_FILES["fileToUpload"]["tmp\_name"]);  *if* ($check !== false) {          $msg =  "File is an image - " . $check["mime"] . ".";          $uploadOk = 1;      } *else* {          $msg =  "File is not an image.";          $uploadOk = 0;      }  }  *// Check if file already exists*  *if* (file\_exists($target\_file)) {      $msg =  "Sorry, file already exists.";      $uploadOk = 0;  }  *// Check file size*  *if* ($\_FILES["fileToUpload"]["size"] > 500000) {      $msg =  "Sorry, your file is too large.";      $uploadOk = 0;  }  *// Allow certain file formats*  *if* (      $imageFileType != "jpg" && $imageFileType != "png" && $imageFileType != "jpeg"      && $imageFileType != "gif"  ) {      $msg =  "Sorry, only JPG, JPEG, PNG & GIF files are allowed.";      $uploadOk = 0;  }  *// Check if $uploadOk is set to 0 by an error*  $upload = "img.png";  *if* ($uploadOk == 0) {      $msg =  "Sorry, your file was not uploaded.";  *// if everything is ok, try to upload file*  } *else* {  *if* (move\_uploaded\_file($\_FILES["fileToUpload"]["tmp\_name"], $target\_file)) {          $msg =  "The file " . basename($\_FILES["fileToUpload"]["name"]) . " has been uploaded.";          $upload = basename($\_FILES["fileToUpload"]["name"]);      } *else* {          $msg =  "Sorry, there was an error uploading your file.";      }  }  ?>  <html>  <body>      <form *action*="" *method*="POST" *enctype*="multipart/form-data">          <h1>Profile Picture</h1>          <img *src*="uploads/<?php echo $upload ?>" *height*="150px">          <br>          <input *type*="file" *name*="fileToUpload" />          <br>          <?php echo $msg; ?></span>          <br>          <input *type*="submit" />      </form>  </body>  </html> |
| Your HTML Screenshot here: (Browser view):  **1st:**    ---- |

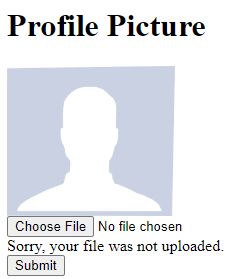
**2nd:**

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**3rd:**

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