CpSc 4620/6620 Quiz #4

Name:_____   **Date:_____**

Question #1 (30 points): You are asked to collect some personal information from the Web user. The information includes: Name, Address, and Email address. You need to have a submit button and reset button for the form. Assume the web server only supports HTTP GET method. The URL for the server side script is http://somesite.com/userinfo.php". This php script will retrieve the information from the user input and send the information back to the web browser to display as "Dear XXXX, your address is YYYY, and email is ZZZZ" in which XXXX, YYYY, and ZZZZ are the information you will get from the web form. Please write the HTML form code and PHP code.

```
<FORM action="http://somesite.com/userinfo.php" method="get">
  <P>
  <LABEL for="name">Name: </LABEL>
        <INPUT type="text" name="name"><BR>
  <LABEL for="address">Address: </LABEL>
        <INPUT type="text" name="address"><BR>
  <LABEL for="email">Email: </LABEL>
        <INPUT type="email" name="email"><BR>
  <INPUT type="submit"> <INPUT type="reset">
  </P>
 </FORM>
```

```
    <?php
        ECHO "Dear ".$_GET[name].", your address is ".
            "$_GET[address]".", and email is ".$_GET[address];
        ?>
```

Question #2 (30 points): Please design a form to allow the Web user to enter an essay and submit it to the Web server. The form must contain the following three input areas: the title, the author name, and a text area with a visible area of 20 lines tall and 80 character space wide. In addition, the default texts in these three areas are "Your title", "Your name", and "Type your essay here…" respectively. At the server end, a PHP script "http://somesite.com/getessay.php" is used to retrieve the information and send it back to the web browser to display. Please write the HTML form code and PHP script.

```
<FORM action="http://somesite.com/getessay.php" method="post">
  <P>
  <LABEL for="title">Title: </LABEL>
  <INPUT type="text" name="title" value="Your title"><BR>
  <LABEL for="name">Author name: </LABEL>
  <INPUT type="text" name="name" value="Your name"><BR>
  <TEXTAREA name="theEssay" rows="20" cols="80">
  Type your essay here...
  </TEXTAREA>
  </P>
  <P>
  <INPUT type="submit"><INPUT type="reset">
  </P>
</FORM>


<?php
    ECHO "Your name: ".$_POST[name]."<br>";
    ECHO "Your title: ".$_POST[title]."<br>";
    ECHO "Your essay: \r\n <pre>".$_POST[theEssay]."</pre><br>";
?>
```

Question #3 (40 points): You are assigned to design a Web form to screen people for taking coronavirus tests. The form must include a text input field to accept the user's name, and a telephone input area to accept the user's phone number. The user can also indicate his/her symptoms by radio buttons or checkboxes. For symptoms "Fever", "Cough", and "Shortness of breath", the user is given two radio buttons, "YES" or "NO", for each symptom respectively. Checkboxes are used to indicate other symptoms, including "Pain in the chest", "Diarrhea", and "Sore Throat". Your submit button must display a "Send" along with an image "/image/wow.gif". Your reset button includes the text "Redo" with an image "/image/oops.gif". At the server end, a PHP script "http://somesite.com/getsymptoms.php" is used to retrieve the information and send it back to the web browser for display. Please complete the HTML form code and PHP code.

```
<FORM action="http://somesite.com/getsymptoms.php" method="post">
  <P>
  <LABEL for="name">Name: </LABEL>
        <INPUT type="text" name="name"><BR>
  <LABEL for="phone">Telephone number: </LABEL>
        <INPUT type="tel" name="phone"><BR>
  <LABEL for="fever">Fever: </LABEL>
  <INPUT type="radio" name="fever" value="Yes"> Yes
  <INPUT type="radio" name="fever" value="No"> No<BR>
  <LABEL for="cough">Cough: </LABEL>
  <INPUT type="radio" name="cough" value="Yes"> Yes
  <INPUT type="radio" name="cough" value="No"> No<BR>
  <LABEL for="breath">Short of breath: </LABEL>
  <INPUT type="radio" name="breath" value="Yes"> Yes
  <INPUT type="radio" name="breath" value="No"> No<BR>
  <LABEL for="other">Other symptoms: </LABEL><BR>
       
  <INPUT type="checkbox" name="other" value=" Pain in the chest "> Pain in the chest <BR>
       
  <INPUT type="checkbox" name="other" value=" Diarrhea "> Diarrhea <BR>
       
  <INPUT type="checkbox" name="other" value=" Sore Throat "> Sore Throat <BR>
  <BUTTON name="submit" value="submit" type="submit">
  Send<IMG src="/image/wow.gif" alt="wow"></BUTTON>
  <BUTTON name="reset" type="reset">
  Redo<IMG src="/image/oops.gif" alt="oops"></BUTTON>
  </P>
 </FORM>
```

```php
<?php
    ECHO "Your name: ".$_POST[name]."<br>";
    ECHO "Your Telephone Number: ".$_POST[phone]."<br>";
    ECHO "Your Symptons: <br>"."Fever: ".$_POST[fever]."<br>".
            "Cough: ".$_POST[fever]."<br>".
            "Short of breath: ".$_POST[breath]."<br>";
    ECHO "Other Symptons: <br>";
    $others = $_POST['other'];
    for($i=0;$i< count($others);$i++)
        echo $others[i]."< br>";
?>
```