《Web开发基础》课程报告

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1. 自评四个实验完成度(含附加要求)

实验一: 100% 实验二: 100% 实验三: 90% 实验四: 90%

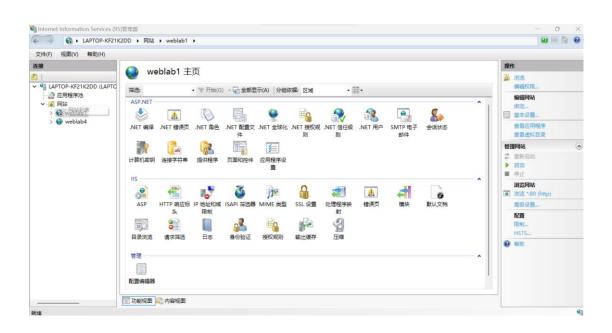
未完成功能主要包括:

除实验要求外 额外完成的功能:

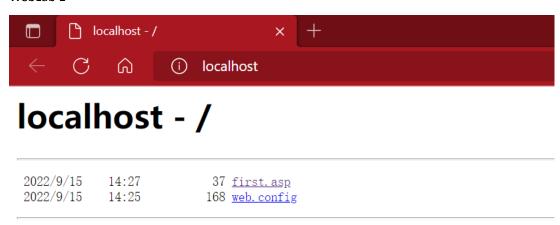
1.实验三: 计算使用者的作答总时间

2.实验四:没有完成排序

2. 请贴出你在 IIS 中所配置网站的截图



WebLab 1





Hello World!

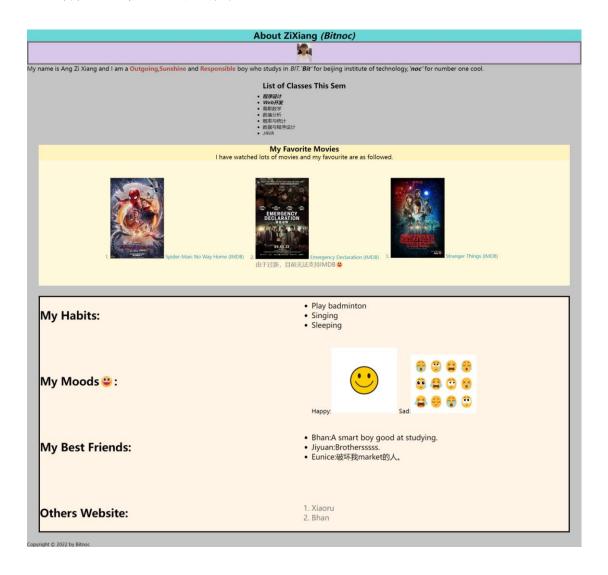
WebLab 3&4



localhost - /

2022/9/16	2:00	1073	getdata.asp
2022/9/16	1:59	1644	history.asp
2022/9/16	1:59	8511	onlinetest.html
2022/9/16	1:25	4562	script.js
2022/9/16	1:54	307	style.css
2022/9/15	14:31	168	web.config
2022/9/16	2:00	<dir></dir>	webdata

3. 请贴出个人主页截图



4. 请贴出个人主页 HTML CSS 源代码

Html:

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <meta charset="UTF-8" />
   <link href="aboutme-style.css" rel="stylesheet" />
   <title>Zixiang Web Project2</title>
 </head>
 <body>
   <header>
     <h1>About ZiXiang <em>(Bitnoc)</em></h1>
     <img
        src="img/zixiang.jpg"
        alt="Headshot of zixiang"
        height="65"
        width="50"
       />
     My name is Ang Zi Xiang and I am a
       <strong class="change">outgoing</strong>,<strong class="change"</pre>
        >sunshine</strong
       and <strong class="change">responsible</strong> boy who studys
in
       <em>BIT</em>.<strong><em>'Bit'</em></strong> for beijing
institute of
       technology,<strong><em>'noc'</em></strong> for number one cool.
     </header>
   <article class="big-container">
     <div class="top-container">
       <h2 class="listofclass"><strong>List of Classes This
Sem</strong></h2>
      <l
        class="firstli">程序设计
        class="secondli">Web 开发
        高散数学
        数值分析
        概率与统计
```

```
>数据与程序设计
        JAVA
       </div>
     <div class="container">
       <h2 class="c1"><strong>My Favorite Movies</strong></h2>
        I have watched lots of movies and my favourite are as
followed.
       </div>
     <nav>
      <
          <img src="img/SpidermanNowayhome.jpg" alt="The First Poster"</pre>
          <a
            class="movie"
            href="https://en.wikipedia.org/wiki/Spider-
Man:_No_Way_Home"
            target="_blank"
            Spider-Man: No Way Home
          </a>
          <a
            class="movie"
            href="https://www.imdb.com/title/tt10872600/"
           target=" blank"
            >(IMDB)
          </a>
        <
          <img src="img/EmergencyDeclaration.jpg" alt="The Second</pre>
Poster" />
          <a
            class="movie"
            href="https://asianwiki.com/Emergency_Declaration"
            target="_blank"
            Emergency Declaration
          <a class="movie" href="#">(IMDB) </a>
          >由于过新,目前无法支持 IMDB (
```

```
<1i>>
     <img src="img/StrangerThings.jpg" alt="the Third Poster" />
      class="movie"
      href="https://en.wikipedia.org/wiki/Stranger_Things"
      target="_blank"
      Stranger Things</a
    <a
      class="movie"
      href="https://www.imdb.com/title/tt4574334/"
      target="_blank"
      >(IMDB)
     </a>
   </nav>
<div class="box">
 <h2><strong>My Habits:</strong></h2>
 <l
   Play badminton
   Singing
   Sleeping
 <h2><strong>My Moods :</strong></h2>
   Happy:<img src="img/smile.png" alt="smile" /> Sad:<img</pre>
     src="img/sad.jpg"
    alt="sad"
    width="225"
    height="200"
   />
 <h2><strong>My Best Friends:</strong></h2>
 <l
   Bhan:A smart boy good at studying.
   Jiyuan:Brothersssss.
   Eunice:破坏我 market 的人。
 <h2><strong>Others Website:</strong></h2>
```

```
<1i>>
            class="list"
            href="http://[2001:d08:d3:3fe:b098:a8e:ca56:541]:80/"
            target="_blank"
            >Xiaoru</a
        <1i>>
          ≺a
            class="list"
            href="https://aboutbinghan.netlify.app/"
            target="_blank"
            >Bhan</a
        </div>
   </article>
   <footer>Copyright &copy; 2022 by Bitnoc</footer>
 </body>
</html>
```

Css:

```
* {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
}

head,
body,
footer {
  font-family: sans-serif;
  background-color: rgb(196, 196, 196);
}

p {
  font-size: 20px;
}
```

```
text-align: center;
 font-size: 30px;
 background-color: rgb(108, 214, 214);
.main-image {
 text-align: center;
 border: 5px solid #777;
 background-color: rgb(216, 199, 233);
.change {
 text-transform: capitalize;
 color: rgb(175, 62, 62);
 font-weight: bold;
 font-size: 20px;
.firstli {
 font-weight: bold;
 font-style: italic;
.secondli {
 font-weight: bold;
 font-style: italic;
.lastli {
 font-style: oblique;
```

```
.movie:link {
 text-decoration: none;
 color: #1098ad;
.movie:visited {
 color: #1098ad;
.movie:hover {
 color: orange;
 font-weight: bold;
 text-decoration: underline orange;
.movie:active {
 background-color: black;
 font-style: italic;
footer {
 font-size: 16px;
.list:link,
.list:visited {
 color: gray;
 text-decoration: none;
.list:hover,
.list:active {
 color: blueviolet;
ol {
 color: gray;
.list-movie {
 display: flex;
 gap: 40px;
 justify-content: center;
 margin: 0 0 35px 0;
```

```
padding: 60px 100px 60px 100px;
 background-color: #fff9db;
.container {
 display: flex;
 flex-direction: column;
 justify-content: center;
 align-items: center;
 line-height: 1.2;
 background-color: #fff3bf;
.big-container {
 margin: 10px 40px 30px 40px;
.top-container {
 display: grid;
 gap: 10px;
 margin: 30px 30px;
 justify-content: center;
 align-items: center;
.listofclass {
 display: inline-block;
.box {
 display: grid;
 grid-template-columns: 1fr 1fr;
 grid-template-rows: 125px 125px 125px;
 gap: 50px;
 row-gap: 100px;
 justify-content: center;
 align-items: center;
 background-color: #fff4e6;
```

```
border: 4px solid black;
font-size: 25px;
}
```

5. 请贴出 在线考试页面 初始截图

2022年度最强大友情测试表单
考试时长:不限满分:9
2:30:47
Fri Sep 16 2022 02:30:40 GMT+0800 (新加坡标准时间) Midnight 还不睡
这个表单设计就是为了让大家的友情能够更近一步,跨越今天后的明天迎接的还是太阳,陪伴今天后的明天迎接的还是友情,祝各位好运!
Contact Information
Name: John
Countries: Please choose one option
一单选题
1.以下哪些是周杰伦不是周杰伦的歌曲?
○七里香
○ 如果可以 ○ 明明就
○说了再见
2.以下哪些是一粒 ● 不喜欢的水果? ○ 草莓
○奇异果
· 哈味
3.以下哪些是大羊喜欢吃的食物?
○薯条♀
○ 学头糕 ○ 香菜 ○ 香菜 ○ 香菜 ○ 香菜 ○ 香菜 ○ 香菜
○ Garlic
1.Jb酒后喜欢去的park有哪些?
□ Mid-night □LED □ ParkIn □ Lana-Home
2 小 竹竹 叶 mp 1 + Z T + II 2
2.小龙放过哪几场飞机? □ Birthday □ Badminton □ Competition □ Luna
3.奇异果来过JB几次
九元家有几只猫?
7.07.00.11.7.7.7.10.1
小荣看到哪个动漫角色会姨母笑? (英文名字,第一个字大写)
LukaiW到底养了几只狗?
FORGIVE THE STATE OF THE STATE
submit record
Labora Labora

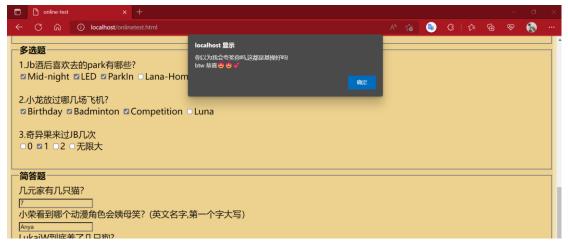
6. 做一套非全对测试 贴出关键过程截图

提交成绩前

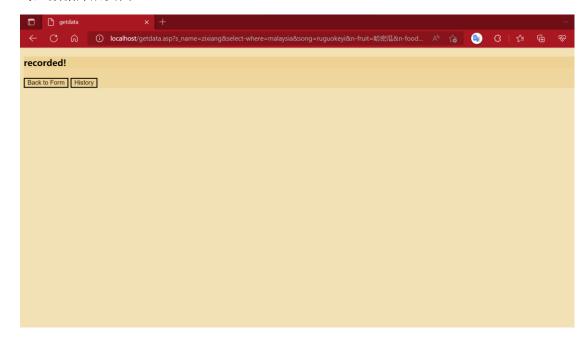
2022年度最强大友情测试表单					
考试时长:不限 满分:9					
2:32:08					
Fri Sep 16 2022 02:30:40 GMT+0800 (新加坡标准时间) Midnight 还不睡					
这个表单设计就是为了让大家的友情能够更近一步,跨越今天后的明天迎接的还是太阳,陪伴今天后的明天迎接的还是友情,祝各位好运!					
Contact Information					
Name: zixiang					
Countries: Malaysia					
1.以下哪些是周杰伦不是周杰伦的歌曲?					
○七里香					
○如果可以 ○明明就					
(OBJOHN					
2.以下哪些是一粒 不喜欢的水果?					
○草莓 ○奇异果					
・					
●哈密瓜					
3.以下哪些是大羊喜欢吃的食物? ◎ 薯条 ♥					
○書永 ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○					
○香菜					
○ Garlic					
- 多选题					
1.Jb酒后喜欢去的park有哪些?					
☑Mid-night ☑LED ☑ParkIn □Lana-Home					
2.小龙放过哪几场飞机?					
⊠ Birthday ☑ Badminton ☑ Competition □ Luna					
,					
3.奇异果来过JB几次					
□0 □1 □2 □无限大					
ALLES AND					
荷客題					
八元家有几只猫? 					
Anya					
LukaiW到底养了几只狗?					
4					
准备好接受友情的摧残就点下吧!					
submit record					

提交后弹出成绩对话框





写入数据库后页面



列出历史考试成绩页面



7. 请贴出实验三(四)全部源代码

Online.html:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
   <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-</pre>
scale=1.0" />
   <link href="style.css" rel="stylesheet" />
   <script defer src="script.js"></script>
    <title>online-test</title>
  </head>
  <body onload="startTime()">
    <header>
     <center>
       <h1>2022 年度最强大友情测试表单</h1>
       考试时长:不限 满分:9
       <div id="txt" class="txt"></div>
       <script>
         var today = new Date();
         var h = today.getHours();
         var m = today.getMinutes();
         var s = today.getSeconds();
         document.write(Date());
         document.write("<br />");
         if (h < 12 \&\& h >= 6) {
           document.write("Good Morning");
```

```
if (h >= 12 \&\& h <= 18) {
          document.write("Good Afternoon");
        if (h > 18 \&\& h <= 24) {
          document.write("Good Evening");
        if (h > 0 && h < 6) {
          document.write("Midnight 还不睡");
       </script>
       <h3>
        这个表单设计就是为了让大家的友情能够更近一步,跨越今天后的明天迎接的
还是太阳,陪伴今天后的明天迎接的还是友情,祝各位好运!
       </h3>
     </center>
   </header>
   <article>
     <form name="frmUser" method="get" action="getdata.asp">
       <fieldset>
         <legend><strong>Contact Information</strong></legend>
         <label for="firstName">Name:</label>
         <input</pre>
          id="s name"
          type="text"
          name="s_name"
          placeholder="John"
          size="20"
          required
         /><br />
```

```
<label for="select-where">Countries:</label>
 <select id="select-where" name="select-where" required">
   <option value="">Please choose one option
   <option value="china">China</option>
   <option value="malaysia">Malaysia</option>
   <option value="singapore">Singapore</option>
   <option value="others">others</option>
 </select>
</fieldset>
<fieldset>
 <legend><strong>单选题</strong></legend>
 <label for="song" required>
   1.以下哪些是周杰伦不是周杰伦的歌曲?</label
 <br />
 <input</pre>
   id="s1"
   name="song"
   type="radio"
   value="qilixiang"
 />七里香<br />
 <input</pre>
   id="s2"
   name="song"
   type="radio"
   value="ruguokeyi"
 />如果可以<br />
 <input</pre>
   id="s3"
   name="song"
   type="radio"
   value="mingmingjiu"
 />明明就<br />
 <input</pre>
   id="s4"
   name="song"
   type="radio"
   value="shuolezaijian"
  />说了再见
```

```
<br />
         <br />
         <label for="n-fruit" required> 2.以下哪些是一粒. 不喜欢的水
果?</label>
         <br />
         <input</pre>
           id="nfruit1"
           name="n-fruit"
           type="radio"
           value="草莓"
         />草莓<br />
         <input</pre>
           id="nfruit2"
           name="n-fruit"
           type="radio"
           value="奇异果"
         />奇异果<br />
         <input</pre>
           id="nfruit3"
           name="n-fruit"
           type="radio"
           value="哈味"
         />哈味<br />
         <input</pre>
           id="nfruit4"
           name="n-fruit"
           type="radio"
           value="哈密瓜"
         />哈密瓜<br />
         <br />
         <label for="n-food" required>3.以下哪些是大羊喜欢吃的食物?
</label>
         <br />
         <input</pre>
           id="nfood1"
           name="n-food"
           type="radio"
           value="薯条"
         />薯条營<br />
         <input</pre>
           id="nfood2"
           name="n-food"
```

```
type="radio"
            value="芋头糕"
          />芋头糕<br />
          <input</pre>
            id="nfood3"
            name="n-food"
            type="radio"
            value="香菜"
          />香菜<br />
          <input</pre>
            id="nfood4"
            name="n-food"
            type="radio"
            value="garlic"
          />Garlic<br />
        </fieldset>
        <fieldset>
          <legend><strong>多选题</strong></legend>
          <label for="n-park" required>1.Jb 酒后喜欢去的 park 有哪
些?</label>
          <br />
          <input</pre>
            id="npark1"
            name="n-park"
            type="checkbox"
            value="midnight"
          />Mid-night
          <input id="npark2" name="n-park" type="checkbox" value="led"</pre>
/>LED
          <input</pre>
            id="npark3"
            name="n-park"
            type="checkbox"
            value="parkin"
          />ParkIn
          <input</pre>
            id="npark4"
            name="n-park"
            type="checkbox"
            value="lanahome"
          />Lana-Home<br />
```

```
<label for="n-plane" required>2. 小龙放过哪几场飞机?</label>
          <br />
          <input</pre>
            id="nplane1"
            name="n-plane"
            type="checkbox"
            value="birthday"
          />Birthday
          <input</pre>
            id="nplane2"
            name="n-plane"
            type="checkbox"
            value="badminton"
          />Badminton
          <input</pre>
            id="nplane3"
            name="n-plane"
            type="checkbox"
            value="competition"
          />Competition
          <input</pre>
            id="nplane4"
            name="n-plane"
            type="checkbox"
            value="luna"
          />Luna<br />
          <br />
          <label for="n-number" required>3. 奇异果来过 JB 几次</label>
          <br />
          <input id="nnumber1" name="n-number" type="checkbox" value="0"</pre>
/>0
          <input id="nnumber2" name="n-number" type="checkbox" value="1"</pre>
/>1
          <input id="nnumber3" name="n-number" type="checkbox" value="2"</pre>
/>2
          <input</pre>
            id="nnumber4"
            name="n-number"
            type="checkbox"
            value="无限大"
          />无限大<br />
          <br />
        </fieldset>
```

```
<fieldset>
          <legend><strong>简答题</strong></legend>
         <label for="j-cat" required>几元家有几只猫? </label>
         <br />
         <input</pre>
           id="jcat"
           name="j-cat"
           type="text"
         ></input>
         <br />
         <label for="j-anime" required>小荣看到哪个动漫角色会姨母笑? (英文
名字,第一个字大写)</label>
         <br />
         <input</pre>
           id="janime"
           name="j-anime"
           type="text"
         ></input>
         <br />
         <label for="j-dog" required</pre>
           >LukaiW 到底养了几只狗?</label
         <br />
         <input</pre>
           id="jdog"
           name="j-dog"
           type="text"
         ></input>
       </fieldset>
       <fieldset>
         <legend><strong>准备好接受友情的摧残就点下吧! </strong></legend>
         <input name="s_score" id="score" type="hidden" />
         <input</pre>
           class="btn"
           type="submit"
           value="submit"
           onclick="myFunction()"
         />
         <button><a style="text-decoration: none;color:black"</pre>
href="history.asp">record</button>
        </fieldset>
     </form>
```

```
</article>
  </body>
</html>
```

Style.css:

```
* {
  box-sizing: border-box;
  background-color: rgba(236, 209, 141, 0.642);
}

h1 {
  display: flex;
  justify-content: center;
  align-items: center;
}

article {
  font-size: 20px;
  display: flex;
  flex-direction: column;
  justify-content: center;
}

.btn {
  cursor: pointer;
}
```

Script.js:

```
// console.log("Hello Javascript!");

function startTime() {
   var today = new Date();
   var h = today.getHours();
   var m = today.getMinutes();
   var s = today.getSeconds();
   m = checkTime(m);
   s = checkTime(s);
   document.getElementById("txt").innerHTML = h + ":" + m + ":" + s;
   t = setTimeout(function () {
      startTime();
   }, 500);
}

function checkTime(i) {
```

```
if (i < 10) {
    i = "0" + i;
  return i;
function myFunction() {
 let x = 0;
   if (document.getElementById("s1").checked) {
    } else if (document.getElementById("s2").checked) {
     X++;
   } else if (document.getElementById("s3").checked) {
```

```
} else if (document.getElementById("s4").checked) {
 if (document.getElementById("nfruit1").checked) {
 } else if (document.getElementById("nfruit2").checked) {
 } else if (document.getElementById("nfruit3").checked) {
 } else if (document.getElementById("nfruit4").checked) {
   X++;
{
 if (document.getElementById("nfood1").checked) {
   x++;
 } else if (document.getElementById("nfood2").checked) {
 } else if (document.getElementById("nfood3").checked) {
 } else if (document.getElementById("nfood4").checked) {
 }
 var c1 = document.getElementById("npark1").checked;
 var c2 = document.getElementById("npark2").checked;
 var c3 = document.getElementById("npark3").checked;
 var c4 = document.getElementById("npark4").checked;
 if (c1 && c2 && c3 && c4 != true) {
   X++;
```

```
var d1 = document.getElementById("nplane1").checked;
var d2 = document.getElementById("nplane2").checked;
var d3 = document.getElementById("nplane3").checked;
var d4 = document.getElementById("nplane4").checked;
if (d1 && d2 && d3 && d4 != true) {
  X++;
}
var e1 = document.getElementById("nnumber1").checked;
var e2 = document.getElementById("nnumber2").checked;
var e3 = document.getElementById("nnumber3").checked;
var e4 = document.getElementById("nnumber4").checked;
if (e1 != true && e2 && e3 != true && e4 != true) {
  X++;
var catNumber = document.getElementById("jcat").value;
if (catNumber == 7) {
 x++;
var character = document.getElementById("janime").value;
if (character == "Anya") {
  X++;
```

Getdata.asp:

```
<!DOCTYPE html>
<html lang="en">
 <head>
   <title>getdata</title>
   <link href="style.css" rel="stylesheet" />
   <script defer src="script.js"></script>
 </head>
 <body>
   <%
     set conn=Server.CreateObject("ADODB.Connection")
     conn.Provider="Microsoft.Jet.OLEDB.4.0"
     conn.Open"C:\Users\Alvin Ang\Desktop\Web lab4\webdata\score.mdb"
     sql="INSERT INTO score(s_name,s_score)"
     sql=sql & " VALUES "
     sql=sql & "('" & Request.QueryString("s_name") & "',"
     sql=sql & "'" & Request.QueryString("s_score") & "')"
     on error resume next
     conn.Execute sql,recaffected
     if err<>0 then
       Response.Write("<h3>No update permissions!</h3>")
```

```
else
    Response.Write("<h3> recorded! </h3>")
    end if
    conn.close
%>
    <button><a style="text-decoration:none;color:#000"
href="onlinetest.html">Back to Form</button>
        <button><a style="text-decoration:none;color:#000"
href="history.asp">History</button>
        </body>
    </html>
```

History.asp:

```
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
   <title>history</title>
   <link href="style.css" rel="stylesheet" />
   <script defer src="script.js"></script>
  </head>
  <body>
   <%
     set conn=Server.CreateObject("ADODB.Connection")
     conn.Provider="Microsoft.Jet.OLEDB.4.0"
     conn.Open "C:\Users\Alvin Ang\Desktop\Web lab4\webdata\score.mdb"
     set rs=Server.CreateObject("ADODB.recordset")
     sql="SELECT DISTINCT s_name FROM score ORDER BY s_name"
     rs.Open sql,conn
     name1=request.QueryString("nameScan")
   %>
  <center>
    <form method="get">
    <legend><strong>用户历史记录</strong><legend>
   <br />
   你的名字:
   <input name="nameScan" type="text">
    <input name="showScore" type="submit">
   </form>
    <br />
    <br />
```

```
<%
    sql="SELECT s_name,s_score FROM score WHERE s_name='" & name1 &
    set rs=Server.CreateObject("ADODB.Recordset")
    rs.Open sql,conn
   %>
   name score
   <%
    do until rs.EOF
    response.write("")
    response.write("" & rs.fields("s_name") & "")
    response.write("" & rs.fields("s_score") & "")
    response.write("")
    rs.MoveNext
    Loop
    rs.close
    conn.Close
    set rs=Nothing
    set conn=Nothing
   %>
   </center>
    <button><a style="text-decoration:none;color:#000"</pre>
href="onlinetest.html">再答一次</a></button>
 </body>
</html>
```

8. 实验中你觉得最困难的一点是什么, 你是如何解决的?

我认为最困难的点就是在大约一个月半的时间需要去学习多种 web 前端语言,并且世纪运用在 weblab 上是比较费时间的。为了解决不可能在那么短时间学完这些语言,我上网找了一些网站快速地自学了 javascript 等等,使用 w3school 的教学使我打了一定的基础,然后透过 stalkoverflow 去搜索我实际做实验时所遇到的问题并解决。

9. 你对实验中自己觉得最满意的一点是什么? 为什么?

最满意的一点是在那么短的时间里独立完成了这门课的所有 lab,这也是我在 it 界第一次的升华吧,透过网上结合老师的 ppt 以及要求去完成实验,成就感满满,也让我对开发网页产生了浓厚的兴趣!

10. 你觉得自己做的网站将来还有哪些提高完善的地方

我觉得可以把网页设计得好看一些,这次把所有报告完成是有点急了,缺少了设计网页的时间。还能够增加一个所有使用者的成绩榜单,根据成绩以及作答时间进行排名。

非常感谢老师的教导!