| | Aggignment 5 |
|--------------|---|
| | Title: Design web application using PHP, |
| | mysol, AJAX. |
| | |
| | Problem statement: |
| 203 | Add Tunamir web application gean |
| | to previously selected application using PTP, |
| CHECKE STATE | mysal database connectivity. |
| 23 | gios shie zavres ei gus |
| ST AL | it and is belieded in springer is |
| | Objective : Manual spinion de basis |
| bii. | to study PHP to design web page |
| | and also study Masal database |
| | connectivity in PHP. |
| winge. | to tedimini Mila best paint et it is |
| | To study how to use AJAX (contro) |
| NUMBER | port in the page sendre sister |
| , GANG | r . 8903 en Nova electron voinna ja |
| | AGING . |
| 0 5 | oftware and hardware Requirements: |
| | 05 : Medora 201 Manne |
| plab voi | IDE: netbedus 8.2111 |
| | browser: Google Chrome |
| at ains | amele without stelets the modify eleme |
| | eepablish men |
| T certifies | neone andring anthro assort the |
| | the future was the fact |
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| | | PHP: |
|-----------------|----|--|
| | Ŋ | |
| record. | | design dynamic web pages design dynamic web pages started as Open Source Project. started as Open Source Project. |
| | y | php is server side scripting language i.e embeded in HTML. It is used to manage dynamic content, used to manage dynamic content, database, session tracking, even build entire e-commerce site. |
| | 1 | It is integrated with number of popular databases including MysQL, PostgresQL, Oracle, Sybase. PHP support Large number of major protocols such as POP3. IMAP, |
| • | - | ommon uses roth PHP: |
| 4) | 10 | i) PHP can handles forms i.e gather data, |
| | 1 | save adata to file: |
| | 1 | i) You can add, delete, modify elements to your database |
| | ì | i) Access cookles variables and set cookies |
| | | i) It can encrypt data. |
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| | | |
| | 5) | characteristics of PHP |
| | | i) Simplicity |
| | | ii) Esticiency |
| 1 219 | | Ti) Securify Securify |
| | | iv) Plexibility |
| | | 3 (11/2) 4 1 + 13 |
| | 6) | sample program in PHP |
| | | |
| • | | <html></html> |
| | | <pre><head> <fitle> Hello World </fitle></head></pre> |
| | | (title) Hello Moria Villa |
| | | |
| | - | < body> |
| | 1000 | echo "Hello world"; |
| | | ?> want ina to always of |
| | | |
| | and the second | /html> |
| - | - | : lacte: dand (not) - deputh at |
| | - | put : Hello World |
| | out | pur . Hone word a sendila d |
| . 7 | 10 | itabase Mysel connectivity using PHP: |
| 9] | Do | וומטעטכ וויועטענ בטוווכרייין |
| | | We need to setup a connection |
| | | We need to seed and |
| | with | h database for this we need un! |
| | 450 | r-id, user-password. |
| | | following PMP code is for database |
| | | connectivity. |
| | | ONNECTIVITY: |
| | | FOR EDUCATIONAL USE |
| Sundaram | | |
| | STATE OF STREET | |

```
$ dbhost = 'localhost': 3036';
                                                 < 5 bub
                                                       $ dbuser = 'guest';
$ dbpass = 'guest123';
$ course | cou
                                                         $ conn = mysql-connect ($dbhost,$ dbuser,$dbpass);
                                                           if (!$coun) {
                                                                  die C'could not connect mysql-emor());
                                                   echo 'connected successfully';
                                                       mysql-close ( $ conn);
                                      function mysql-query() is used to execute
                                          a sal query. Following sample PHP code
                                                      execute a sal query
                                                                                                                                                                                     Lutodia
                                    < ? pup
                                              $ dbhost = 'local host : 3036';
                                             $ dbyser = ' guest'; block dist : function
                                            $ dbpass = 'guest';
                                          $ coun = mysql=connect ($dbhost, $dbuser, $dbpass);
                       if ($ coun) {
                                                  die (' could not connect! mysql-emore));
daram)
                                                                                                    FOR EDUCATIONAL USE
```

```
$591 = 'CREATE Database test_db';
       $ retral = mysql-query ($591, $ cound);
                if C! $ retval ) {
                 diec' could not connect'. mysql-error());
                 echo" Database created successfully";
                musql-closec & cound;
          AJAX:
        1) AJAX is web development technique for creating
        AJAX is web development technique for creation interactive web application. AJAX stands for Asynchronous Javascript and XML AJAX is a new technique for creating better, faster and more interactive web applications with the help of XML,
        HTML, CSS and Javascript:
            AJAX USES XHTML FOR
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         content, css for presentation, along with Document Object Model and Javascript
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odaram)
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| do und from these server using synchronous to and from these server using synchronous to and from these server using synchronous to and from the available browser cannot support and get directed to new page All the available browser cannot support to major browser: AJAX Here is list of major browser: Mozilla Firefox 1.0 and above Version 7:1 and above Version 8:1 and above Version 9:1 and above Version | | for dynamic content display |
|--|----|---|
| The whole AJAX operation is given in tollowing steps: 1. A client event occurs 2. XMLHttpRequest object is created 3. XMLHttpRequest object is configured 4. The webserver return the result containing XML document. 5. XMLHttpRequest object makes asynchronous request to Webserver. | | conventional web application using synchronous to and from user server using synchronous to and from user server using synchronous requests. It means you fill form, hit submit requests. It means you fill form, hit submit and get directed to new page and get directed to new page All the available browser cannot support All the available browser cannot support All the available browser cannot support Mozilla Firefox 1.0 and above Netscape version 9.1 and above |
| 6. The state is a second of the second of th | 5) | The whole AJAX operation is given in hollowing steps: 1. A client event occurs 2. XMLHttpRequest object is created 3. XMLHttpRequest object is configured 4. The webserver return the result containing XML document containing XML document 5. XMLHttpRequest object makes asynchronous request to Web server. 6. The HTML DOM is updated. |

```
Following sample program for AJAX:
      <html>
        Kbody X

<div id = "demo">
<hl> xMLHttpRequest object </hl>
<br/>
<button type = "button" onClick = "loadDocc)">
               change content </button>
             </div>
             <script >
                 function loadDoc () {
yas xhttp = new tml+ttpRequest ();
               xhttp. oureadystatechange = function() }
                 if ( this ready state == 4 ft this status == 200)
               document getElementById ("demo") innerHTML =
                              this response Text ;
            xuttp.openc" GET", "ajax_into.txt", true);
            xuttp. send();
      <15cript>
   <1body>
</hr>
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```

