

8. Write a Perl program to insert name and age information entered by the user into a table created using MySQL and to display the current contents of this table.

Steps Creating Online Database:

1. Type <http://192.168.3.42/phpmyadmin>
2. Create your own database by specifying database name in

MySQL localhost

Create new database

Collation: utf8_general_ci

Create

MySQL connection collation: utf8_general_ci

Interface

Language: English

3. Select the database and create a table (stud) as follows

Server: localhost Database: puneeth

Structure SQL Search Query Export Import Operations

No tables found in database.

Create new table on database puneeth

Name: stud Number of fields: 2

Server: localhost Database: puneeth Table: stud

Field	name	age
Type	VARCHAR	VARCHAR
Length/Values ¹	30	3
Default ²	None	None

4. and click on go button
5. Type the following program and upload to the server.

```
#!/Perl/bin/perl                                                    #8.pl

print "Content-type: text/html\n\n";
print "<HTML><TITLE>Result of the insert operation </TITLE>";
use CGI ':standard';
use DBI;
$dbh=DBI->connect("DBI:mysql:nandu","root","");
$name=param("name");
$age=param("age");
$qh=$dbh->prepare("insert into stud values('$name','$age')");
$qh->execute();
$qh=$dbh->prepare("Select * from stud");
$qh->execute();
print "<table border=1> <tr><th>Name</th><th>Age</th></tr>";

while ( ($name,$age)=$qh->fetchrow() )
{
    print "<tr><td>$name</td><td>$age</td></tr>";
}
print "</table>";
$qh->finish();
$dbh->disconnect();
print"</HTML>";
```

```
<html>                                                                <!--lab8.html-- >
<body>
<form action="8.pl">
    Name : <input type="text" name="name"> <br>
    Age :<input type="text" name="age"> <br>
    <input type="submit" value="Submit">
</form></body></html>
```

Write a PHP program to read student data from an XML file and store into the MySQL database, Retrieve and display.

```
<?xml version="1.0" ?>                                     book.xml
<BookStore>
<Book>
  <BookTitle>PHP5</BookTitle>
  <BookAuthor>Julie</BookAuthor>
  <BookPublisher>Premier Press</BookPublisher>
  <BookISBN>191</BookISBN>
  <BookPrice>29</BookPrice>
</Book>
<Book>
  <BookTitle>PHP Essentials, 2nd edition</BookTitle>
  <BookAuthor>Meloni</BookAuthor>
  <BookPublisher>MC Grawhill</BookPublisher>
  <BookISBN>192</BookISBN>
  <BookPrice>39</BookPrice>
</Book>
<Book>
  <BookTitle>PHP Fast & Easy Web Development</BookTitle>
  <BookAuthor>Robert</BookAuthor>
  <BookPublisher>Premier Press</BookPublisher>
  <BookISBN>193</BookISBN>
  <BookPrice>49</BookPrice>
</Book>
</BookStore>
```

```
<?php
$count = 0;
// Connect with database
$con = mysql_connect("localhost","root","") or die("unable
to connect with database");

// Select database
mysql_select_db("test");
$xml = simplexml_load_file("book.xml");
foreach($xml->Book as $Book) {

// Displaying the content of XML file
echo "<p><strong>".$Book->BookTitle."</strong><br>
```

```

        <em>by ".$Book->BookAuthor."</em><br>
        (Published by ".$Book->BookPublisher.",
        ISBN: ".$Book->BookISBN.")<br>
        <font color=red>price:</font> \".$Book->BookPrice."</p>
        <hr noshade>";

// Store the values in variables
$title = $Book->BookTitle;
$author = $Book->BookAuthor;
$publisher = $Book->BookPublisher;
$isbn = $Book->BookISBN;
$price=$Book->BookPrice;

// Inserting in to the database
$res=mysql_query("insert into book(title, author, publisher,
isbn, price)
values('$title','$author','$publisher','$isbn','$price')");

        if($res)
                $count+=1;
        else
                echo "Exception -- ". mysql_error();
}
echo $count." number of records are inserted";

$var=mysql_query("SELECT * FROM book");
echo"<table border size=1>";
echo"<tr><th>Name</th> <th>Address 1</th> <th>Address 2</th>
        <th>E-mail</th></tr>";
while ($arr=mysql_fetch_row($var))
{
        echo"<tr><td>$arr[0]</td><td>$arr[1]</td> <td>$arr[2]</td>
                <td>$arr[3]</td> </tr>";
        }
echo"</table>";
mysql_free_result($var);

        mysql_close($con); // Closing the connection
?>

```

```

mysql -u root -p
use test;

```

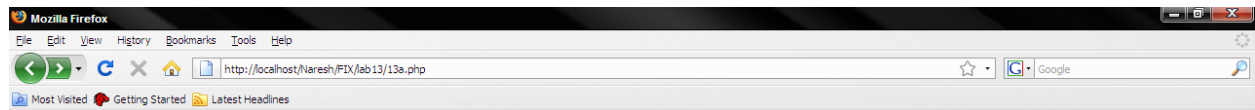
```
create table book(title varchar(30), author varchar(20),  
publisher varchar(30), isbn int, price int);
```

- 11. Create a XHTML form with Name, Address Line 1, Address Line 2, and E-mail text fields. On submitting, store the values in MySQL table. Retrieve and display the data based on Name.**

```
<!--11a.php- - >
<?php
    $self = $_SERVER['PHP_SELF'];
    $dbh = mysql_connect('localhost', 'root', '') or
die(mysql_error());
    mysql_select_db('nandu') or die(mysql_error());
?>
<html>
<body>
<FORM ACTION="11a.php" METHOD="POST">
    <p>
        Name&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~:<INPUT TYPE=text
NAME="name" value=""> <br>
        Address 1:<INPUT TYPE=text NAME="add1" value=""><br>
        Address 2:<INPUT TYPE=text NAME="add2" value=""><br>
        Email&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&~:<INPUT TYPE=text
NAME="email" value=""><br>
    </p>
    <INPUT TYPE=submit><br />
</FORM>
</body>
</html>
<?php
    if(isset($_POST['name']))
    { $nme = $_POST['name'];
      $ad1 = $_POST['add1'];
      $ad2 = $_POST['add2'];
      $eml = $_POST['email'];
      if($nme != "" && $ad1 != "")
      { $query = "INSERT INTO contact VALUES
                  ('$nme', '$ad1', '$ad2', '$eml')";
        $result = mysql_query($query) or die(mysql_error());
      }
      else
          echo "one of the field is empty";
echo"Data Inserted Successfully!!!";
}

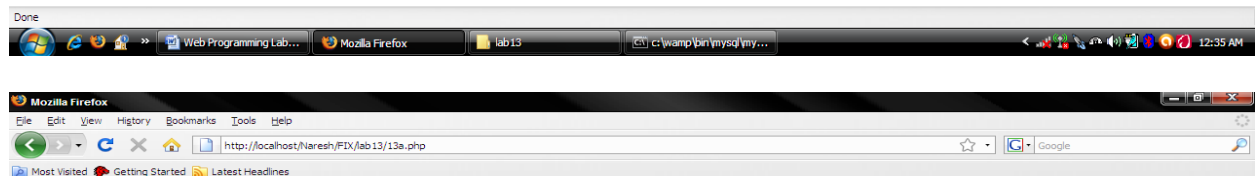
mysql_close($dbh);
```

?>



Name : Praveen
Address 1: Student
Address 2: RNSIT
Email : praveen@gmail.com

Submit Query



Name :
Address 1:
Address 2:
Email :

Submit Query

Data Inserted Successfully!!!

```
<html>                                <!-- 11b.html -->
<head><title>Program 13</title></head>
<body>
  <form action="11b.php" method="post">
    Enter Name of the person <input type="text" name="name">
    <input type="submit">
  </form>
```

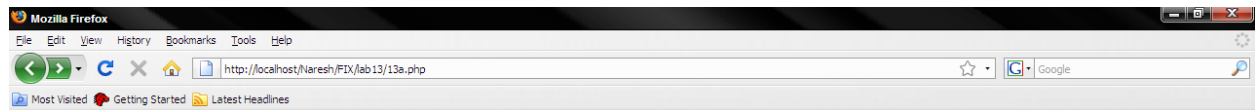
```
</body>
</html>
```

```
<html>                                <!-- 11b.php -->
<head><title>Search Result </title></head>
<body>
<h3>Search Result </h3>
<hr>
<?php
    $link=mysql_connect("localhost","root","");
    mysql_select_db("nandu");
    $n=$_POST["name"];
    print "Entered Name is $n \n";
    $var=mysql_query("SELECT * FROM contact WHERE name like
'%$n%'");
    if($var==true)
    {
        echo"<table border size=1>";
        echo"<tr><th>Name</th>    <th>Address    1</th>    <th>Address
2</th>
            <th>E-mail</th></tr>";
        while ($arr=mysql_fetch_row($var))
        {
            echo"<tr><td>$arr[0]</td><td>$arr[1]</td> <td>$arr[2]</td>
                <td>$arr[3]</td> </tr>";
        }
        echo"</table>";
        mysql_free_result($var);
    }
    else
        alert("Name is not there in the database");
        mysql_close($link);
?>
<hr>
<form action="13b.html">
<input type="submit" value="Back">
</form></body></html>
```


Create a XHTML form with Name, Address Line 1, Address Line 2, and E-mail text fields. On submitting, store the values in MySQL table. Retrieve and display the data based on Name.

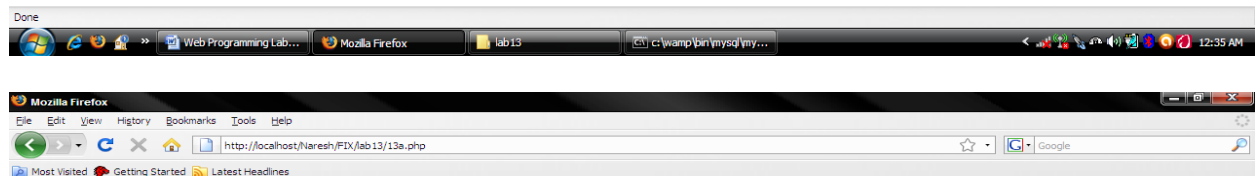
[illegible]

?>



Name : Praveen
Address 1: Student
Address 2: RNSIT
Email : praveen@gmail.com

Submit Query



Name :
Address 1:
Address 2:
Email :

Submit Query

Data Inserted Successfully!!!

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<html>                                <!-- 11b.html -->
<head><title>Program 13</title></head>
<body>
  <form action="11b.php" method="post">
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```

```
</body>
</html>
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'%$n%'");
    if($var==true)
    {
        echo"<table border size=1>";
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        mysql_free_result($var);
    }
    else
        alert("Name is not there in the database");
        mysql_close($link);
?>
<hr>
<form action="13b.html">
<input type="submit" value="Back">
</form></body></html>
```