EXPERIMENT-24

24. Create tables in the database which contain the details of items (books in our case like Book name, Price, Quantity, Amount) of each category. Modify your catalogue page (week 2)in such a way that you should connect to the database and extract data from the tables and display them in the catalogue page using PHP

Catalogue table

```
CREATE TABLE catalogue
(
        bname varchar(50) NOT NULL,
        auth varchar(25) NOT NULL,
        publ varchar(25) NOT NULL,
        isbn varchar(20) NOT NULL,
        edi varchar(10) NOT NULL,
        cost int(5) NOT NULL,
        qty int(3) NOT NULL,
        UNIQUE KEY(bname)
)
```

bkEntryForm.html

```html
<html>
        <head>
                <title> Catalogue Page</title>
                <script language="javscript">
                function validate()
                {
                        var nam = document.f1.bname.value;
                        if(nam=="")
                        {
                                alert("Please enter Book name");
                                document.f1.bname.focus();
                                return false;
                        }
                        var auth = document.f1.auth.value;
                        if(auth=="")
                        {
                                alert("Please enter Author Name");
                                document.f1.auth.focus();
                                return false;
                        }
                        var publ = document.f1.publ.value;
                        if(publ=="")
                        {
                                alert("Please enter Publisher name");
                                document.f1.publ.focus();
                                return false;
                        }
                        var isbn = document.f1.isbn.value;
                        if(isbn=="")
                        {
                                alert("Please enter ISBN Number");
                                document.f1.isbn.focus();
                                return false;
                        }
                        var ed = document.f1.edi.value;
                        if(ed=="")
                        {
                                alert("Please enter book edition");
                                document.f1.edi.focus();
                                return false;
                        }
                        var cost = document.f1.cost.value;
                        if(cost=="")
                        {
                                alert("Please enter cost of the book");
                                document.f1.cost.focus();
                                return false;}
```

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```
                    var qty = document.f1.qty.value;
                    if(qty=="")
                    {
                            alert("Please enter number of books you want!!!");
                            document.f1.qty.focus();
                            return false;
                    }
            }
            </script>
    </head>
    <body>
            <br/><br/><br/>
            <center>
            <form name="f1" action="Catalogue.php" method="post" onsubmit="javascript:return
validate()">
            <table border="3" cellpadding="0" cellspacing="0">
            <tr>
            <td>
            <table cellspacing="5">
            <tr>
              <td colspan="2" align="center"><h2><u>Book Details Entry Form</u></h2></td>
            </tr>
            <tr>
                <td>    Book Name</td>
                <td><input type="text" name="bname" size="50"></td>
            </tr>
            <tr>
                <td>    Author</td>
                <td><input type="text" name="auth" size="50"></td>
            </tr>
            <tr>
                <td>    Publication</td>
                <td><input type="text" name="publ" size="50"></td>
            </tr>
            <tr>
                <td> ISBN</td>
                <td><input type="text" name="isbn" size="15"></td>
            </tr>
            <tr>
                <td> Edition</td>
                <td><input type="text" name="edi" size="15"></td>
            </tr>
            <tr>
                <td> Cost</td>
                <td>$<input type="text" name="cost" size="5"></td>
            </tr>
            <tr>
                <td> Quantity</td>
                <td><input type="text" name="qty" size="3"></td>
            </tr>
            <tr>
              <td colspan="2" align="center"><input type="submit" value="submit"></td>
            </tr>
            </table>
            </td>
            </tr>
            </table>
    </form>
    </center>
</body>
</html>
```

Catalogue.php

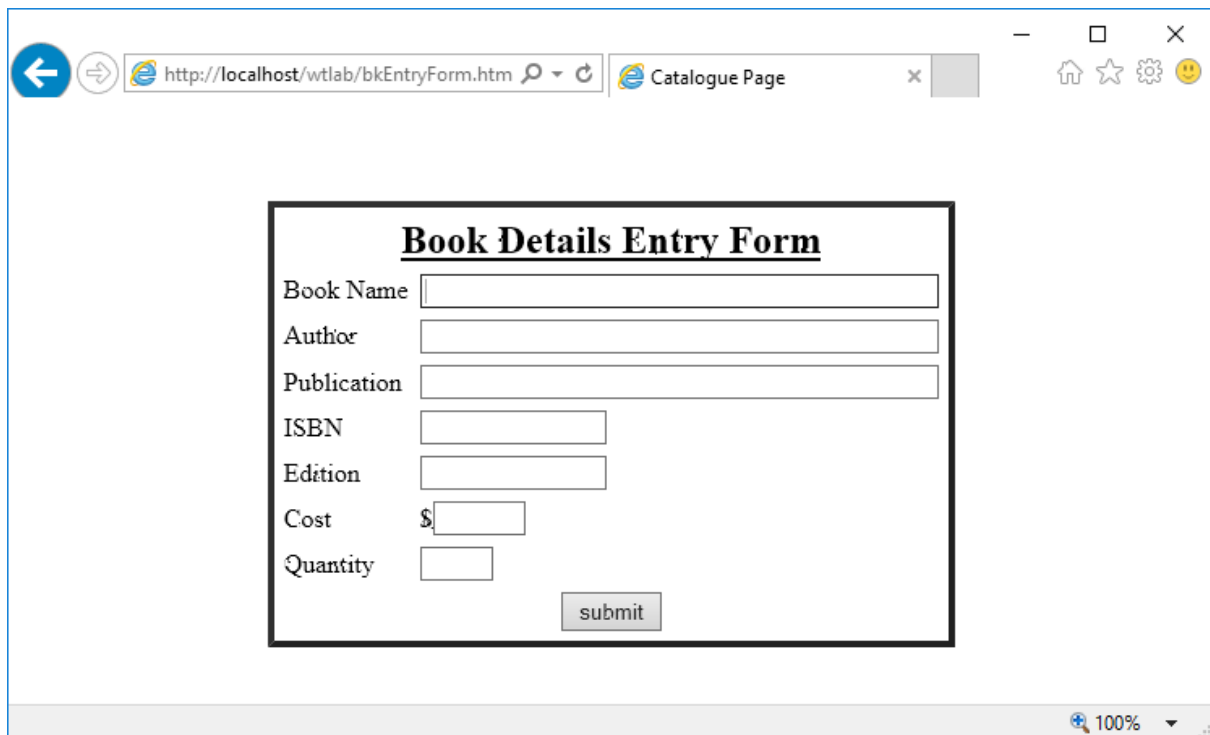```php
<?php
        $conn = mysql_connect("localhost","root","");
        if($conn)
          echo "Connected to database!!!";
        else
          echo "Failed to Connect:".mysql_error();
        mysql_select_db("test",$conn) or die("No Database existing:".mysql_error());

        if(isset($_POST['bname']))
        {
                $bname=$_POST['bname'];
                $auth=$_POST['auth'];
                $publ=$_POST['publ'];
                $isbn=$_POST['isbn'];
                $edi=$_POST['edi'];
                $cost=(float)$_POST['cost'];
                $qty=(int)$_POST['qty'];
                echo"

<p align='right'>[Book Entry Page]</p>";
            $query = "INSERT INTO catalogue VALUES('$bname','$auth','$publ','$isbn','$edi','$cost','$qty')";
                mysql_query($query);
                $result = mysql_query("select * from catalogue");
?>
                <html>
                <body><center>
                <font face="verdana" size="4">
                <table border="1" cellpadding="0" cellspacing="0">
                <tr>
                        <th colspan="8" align="center">Books List</td>
            </tr>
            <tr>
                <th>S.No.</th>
                <th>Title</th>
                <th>Author</th>
                <th> Publication</th>
                <th>ISBN</th>
                <th>Edition</th>
                <th>Cost</th>
                <th>Quantity</th>
            </tr>
            <?php $num=1; while($row = mysql_fetch_array($result))
            { ?>
            <tr>
              <td align="center"><?php echo $num++; ?> </td>
              <td align="left"><?php echo $row['bname']; ?> </td>
              <td align="left"><?php echo $row['auth']; ?></td>
              <td align="left"><?php echo $row['publ']; ?></td>
              <td align="center"><?php echo $row['isbn']; ?> </td>
              <td align="center"><?php echo $row['edi']; ?> </td>
              <td align="center"><?php echo $row['cost']; ?> </td>
              <td align="center"><?php echo $row['qty']; ?> </td>
            </tr>
            <?php }?>
            </table>
            </center>
        </body>
        </html>
        <?php } ?>
```
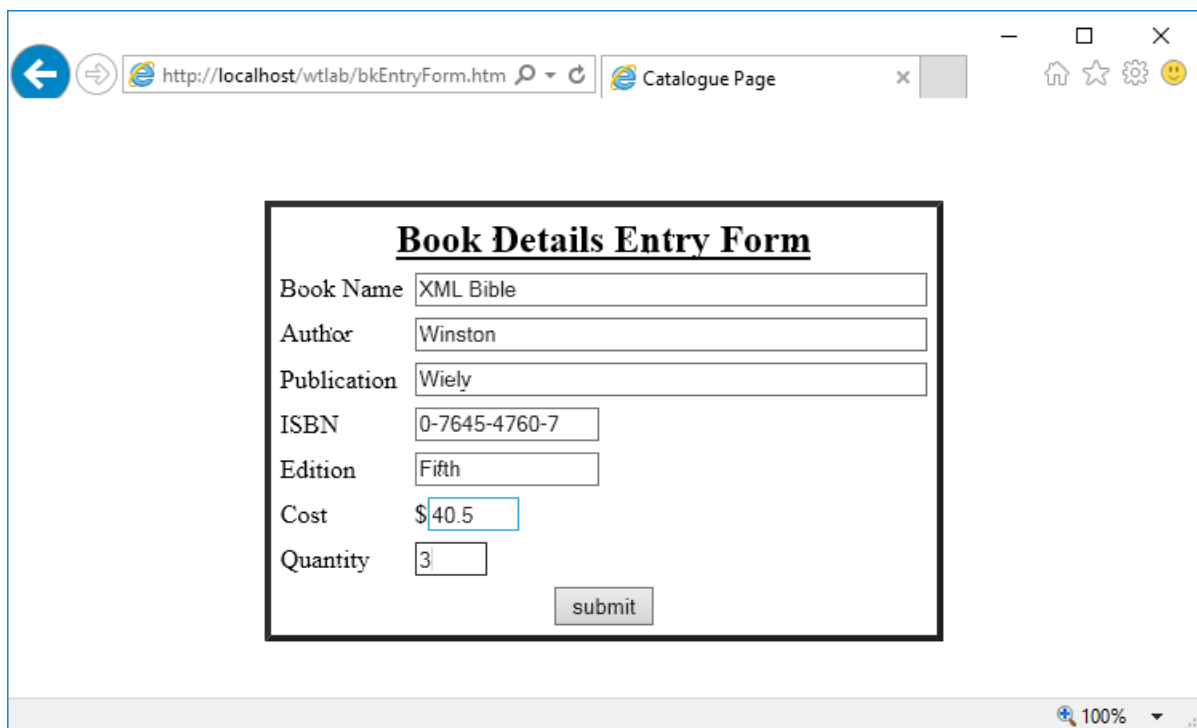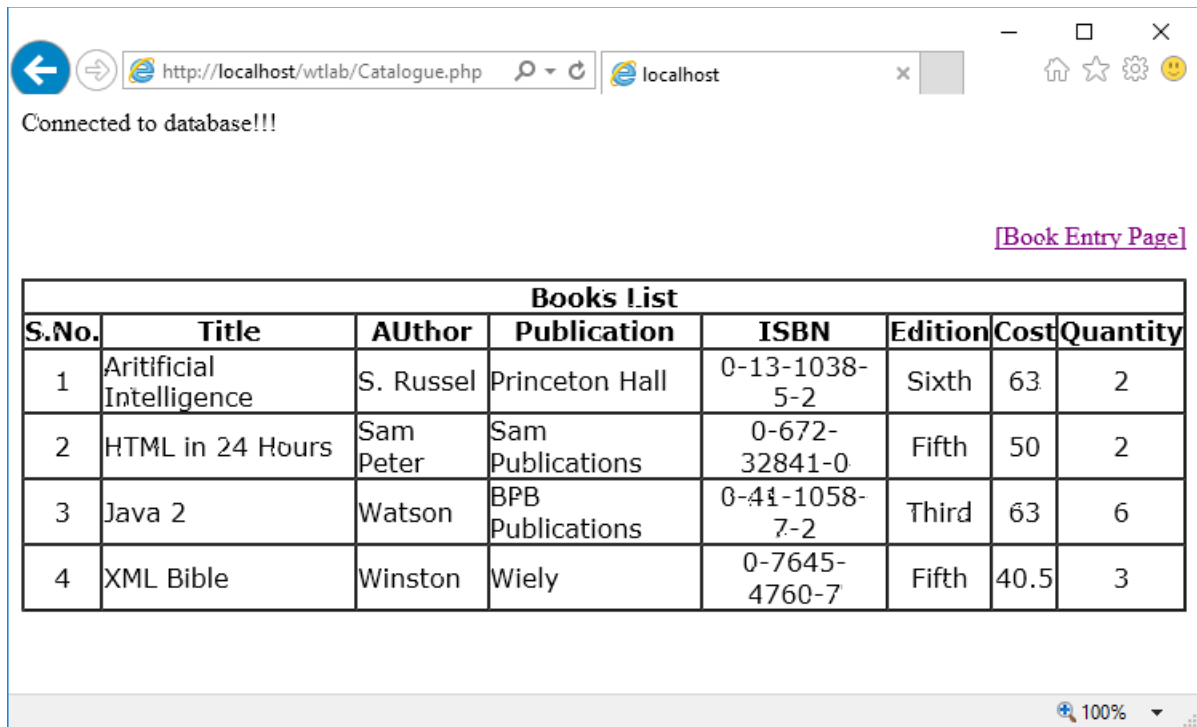
**OUTPUT:**

http://localhost/wtlab/Catalogue.php    localhost

Connected to database!!!

[Book Entry Page]

| S.No. | Title | AUthor | Publication | ISBN | Edition | Cost | Quantity |
|---|---|---|---|---|---|---|---|
| | | | **Books List** | | | | |
| 1 | Aritificial Intelligence | S. Russel | Princeton Hall | 0-13-1038-5-2 | Sixth | 63 | 2 |
| 2 | HTML in 24 Hours | Sam Peter | Sam Publications | 0-672-32841-0 | Fifth | 50 | 2 |
| 3 | Java 2 | Watson | BPB Publications | 0-41-1058-7-2 | Third | 63 | 6 |
| 4 | XML Bible | Winston | Wiely | 0-7645-4760-7 | Fifth | 40.5 | 3 |