

Practical 7

LAMP Technology

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AIM:

Create tables in the database which contain the details of items of different category. Design following web pages in PHP using database concepts:

- 1) Add category
- 2) Delete category
- 3) Update category
- 4) Display all category
- 5) Add item details
- 6) Delete item details
- 7) Update item details
- 8) Design a page in which user enter a specific category and display item(s) details belonging to entered category.

Php code:

```
<?php require 'connection.php' ?>
<html>

<head>
    <title>Practical 7</title>
</head>

<body>
    <form action="">
        <div class="option">
            <div id="radio"><input type="radio" name="choice" value="addC"
checked>Add Category</div>
            <div id="radio"><input type="radio" name="choice" value="deleteC">
Delete Category</div>
            <div id="radio"><input type="radio" name="choice"
value="updateC">Update Category</div>
            <div id="radio"><input type="radio" name="choice"
value="displayC"> Display Category</div>
            <div id="radio"><input type="radio" name="choice" value="addI">Add
Item</div>
            <div id="radio"><input type="radio" name="choice" value="deleteI">
Delete Item</div>
            <div id="radio"><input type="radio" name="choice"
value="updateI">Update Item</div>
            <div id="radio"><input type="radio" name="choice"
value="displayI">Display Item</div>
```

```
        </div>
        <input type="submit">
    </form>
</body>
<style>
    body {
        font-family: Cambria, Cochin, Georgia, Times, 'Times New Roman',
        serif;
        font-size: 18px;
    }

    h1 {
        text-align: center;
    }

    #form-div {
        margin: 40px auto;
        width: 50%;
        border: 2px black solid;
        border-radius: 10px;
        text-align: center;
        padding-top: 10px;
    }

    input {
        padding: 5px;
        border: 2px black solid;
        border-radius: 5px;
        margin: 10px;
    }

    input[type="submit"] {
        padding: 10px 15px;
        background-color: blue;
        text-align: center;
        font-size: 20px;
        color: white;
        border: none;
        margin-top: 15px;
    }

    #radio {
        text-align: left;
        margin: 5px 42%;
    }

    .option {
        width: 90%;
```

```

        margin: 5px auto;
        /* display:flex; */
    }

    form {
        text-align: center;
    }

    td {
        padding: 10px 20px;
    }
</style>

</html>
<?php
$query1 = "select * from item";
$result1 = mysqli_query($con, $query1);
$query2 = "select * from category";
$result2 = mysqli_query($con, $query2);
?>
<?php
if ($_SERVER['REQUEST_METHOD'] == "POST") {
    if (isset($_POST['addC'])) {
        $query = "select * from category where cid='" . $_POST['id'] . "'";
        $result = mysqli_query($con, $query);
        $row = mysqli_fetch_array($result);
        if (!empty($row) && count($row) > 0) {
            echo "id already exist";
        } else {
            $query = "insert into category values('" . $_POST['id'] . "','" .
$_POST['name'] . "')";
            $r = mysqli_query($con, $query);
            echo "<div style='text-align:center'>Category added
successfully...</div>";
        }
    } else if (isset($_POST['deleteC'])) {
        $query = "select * from category where cid='" . $_POST['id'] . "'";
        $result = mysqli_query($con, $query);
        $row = mysqli_fetch_array($result);
        if (empty($row)) {
            echo "id doesn't exist";
        } else {
            $query = "delete from category where cid='" . $_POST['id'] . "'";
            $r = mysqli_query($con, $query);
            echo "<div style='text-align:center'>Category deleted
successfully</div>";
        }
    } else if (isset($_POST['updateC'])) {

```

```
$query = "select * from category where cid='" . $_POST['id'] . "'";
$result = mysqli_query($con, $query);
$row = mysqli_fetch_array($result);
if (empty($row)) {
    echo "id doesn't exist";
} else {
    $query = "update category set name='" . $_POST['name'] . "' where
cid='" . $_POST['id'] . "'";
    $r = mysqli_query($con, $query);
    echo "<div style='text-align:center'>Category updated
successfully</div>";
}
}
?>
<?php
if ($_SERVER['REQUEST_METHOD'] == "GET") {
    $ch = $_GET['choice'] ?? "";
    if ($ch == "addC") {
        echo "
            <form action=" . $_SERVER['PHP_SELF'] . " method='post'>
                <div>
                    Category Id:<input type='number' name='id'><br>
                    Category Name:<input type='text' name='name'><br>
                </div>
                <input type='submit' name='addC'>
            </form>
        ";
    } else if ($ch == "deleteC") {
        echo "
            <form action=" . $_SERVER['PHP_SELF'] . " method='post'>
                <div>
                    Category Id:<input type='number' name='id'><br>
                </div>
                <input type='submit' name='deleteC'>
            </form>
        ";
    } else if ($ch == "updateC") {
        echo "
            <form action=" . $_SERVER['PHP_SELF'] . " method='post'>
                <div>
                    Category Id:<input type='number' name='id'><br>
                    Updated Category Name:<input type='text' name='name'><br>
                </div>
                <input type='submit' name='updateC'>
            </form>
        ";
    } else if ($ch == "displayC") {
```

```

?>
    <div class='display' style="width:20%; margin:10px auto;">
        <table>
            <tr>
                <th>Category Id</th>
                <th>Category Name</th>
            </tr>
            <?php
                while ($row2 = mysqli_fetch_array($result2)) {
                    echo "
                        <tr>
                            <td>" . $row2['cid'] . "</td>
                            <td>" . $row2['name'] . "</td>
                        </tr>
                    ";
                }
            ?>
        </table>
    </div>
    <?php
    } else if ($ch == "addI") {
        ?>
        <form action="<?php $_SERVER['PHP_SELF'] ?>" method='post'>
            <div>
                Item Id:<input type='number' name='id'><br>
                Item Name:<input type='text' name='name'><br>
                <select name='cat' id='cat'>
                    <?php
                        while ($row = mysqli_fetch_array($result2)) {
                            echo "<option value=" . $row['name'] . ">" .
$'row['name'] . "</option>";
                        }
                    ?>
                </select>
            </div>
            <input type='submit'>
        </form>
        <?php
    } else if ($ch == "deleteI") {
        echo "
            <form action=" . $_SERVER['PHP_SELF'] . " method='post'>
                <div>
                    Item Id:<input type='number' name='id'><br>
                </div>
                <input type='submit'>
            </form>
        ";
    } else if ($ch == "UpdateC") {

```

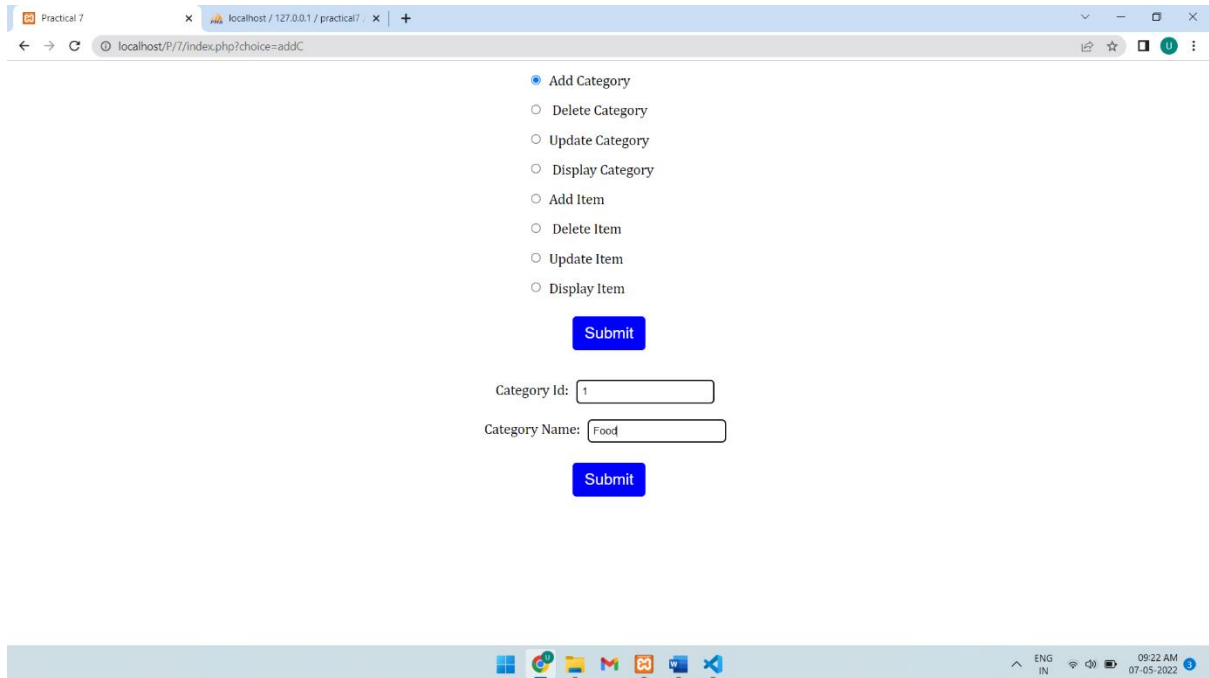
```

?>
    <form action="<?php $_SERVER['PHP_SELF'] ?>" method='post'>
        <div>
            Item Id:<input type='number' name='id'><br>
            Item Name:<input type='text' name='name'><br>
            <select name='cat' id='cat'>
                <?php
                    while ($row = mysqli_fetch_array($result2)) {
                        echo "<option value=" . $row['name'] . ">" .
$row['name'] . "</option>";
                    }
                ?>
            </select>
        </div>
        <input type='submit'>
    </form>
<?php
} else if ($ch == "displayI") {
?>
    <div class='display' style="width:20%; margin:10px auto;">
        <table>
            <tr>
                <th>Item Id</th>
                <th>Item Name</th>
                <th>Category Name</th>
            </tr>
            <?php
                while ($row2 = mysqli_fetch_array($result1)) {
                    echo "
                        <tr>
                            <td>" . $row2['iid'] . "</td>
                            <td>" . $row2['name'] . "</td>
                            <td>" . $row2['cname'] . "</td>
                        </tr>
                    ";
                }
            ?>
        </table>
    </div>
<?php
}
?>

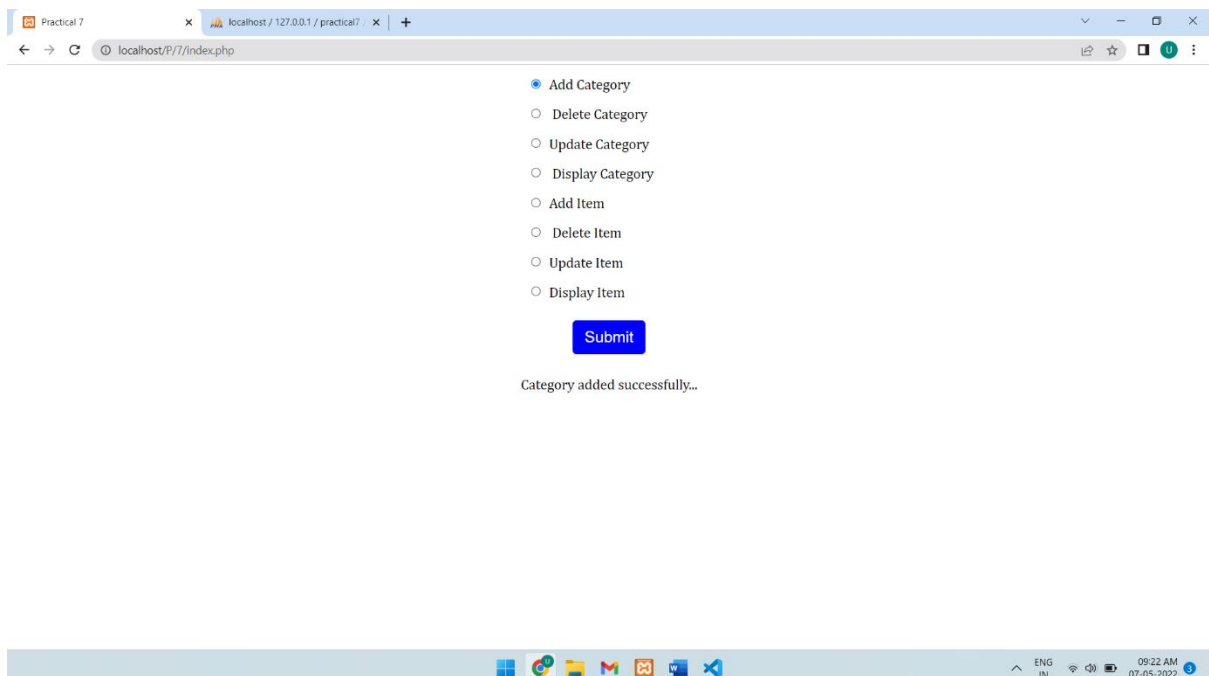
```

Screenshots:

Add category:

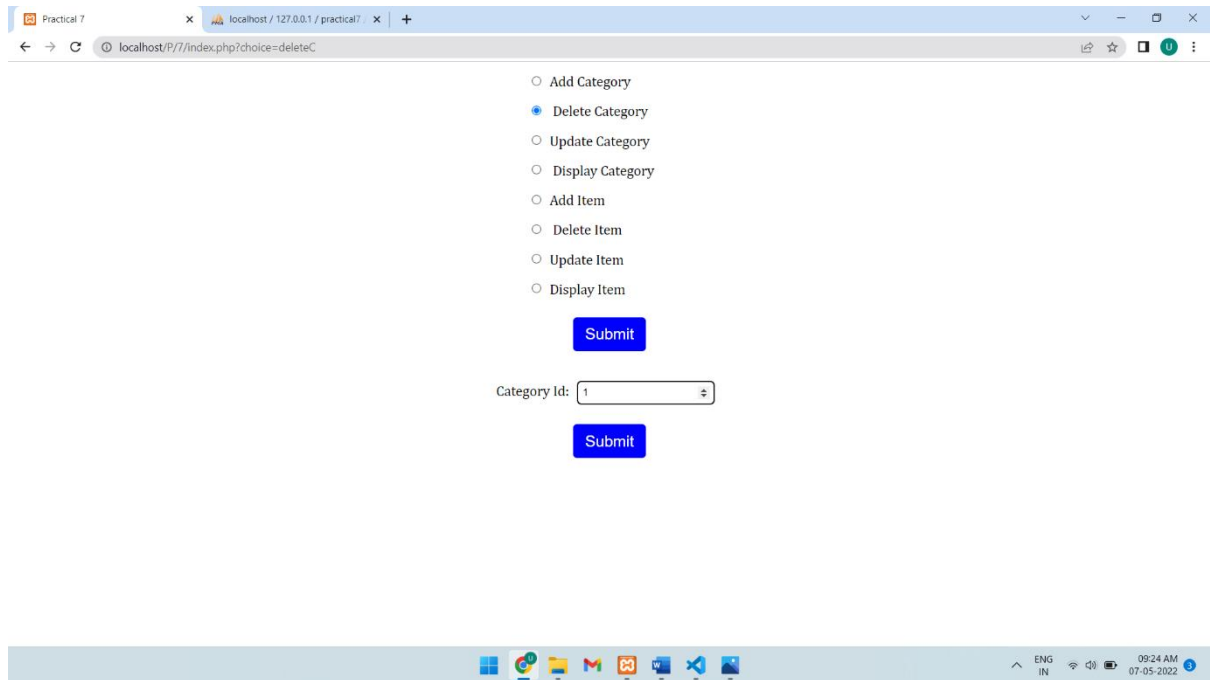


A screenshot of a web browser window. The address bar shows 'localhost/P/7/index.php?choice=addC'. The page content includes a list of radio buttons for selecting an action: 'Add Category' (selected), 'Delete Category', 'Update Category', 'Display Category', 'Add Item', 'Delete Item', 'Update Item', and 'Display Item'. Below the list is a blue 'Submit' button. Underneath the button are two input fields: 'Category Id:' with the value '1' and 'Category Name:' with the value 'Food'. A second blue 'Submit' button is located below these fields. The Windows taskbar at the bottom shows the time as 09:22 AM on 07-05-2022.



A screenshot of the same web browser window after the form has been submitted. The 'Add Category' radio button remains selected. The blue 'Submit' button is still present. Below the button, the text 'Category added successfully...' is displayed. The Windows taskbar at the bottom shows the time as 09:22 AM on 07-05-2022.

Delete Category:



Practical 7 x localhost / 127.0.0.1 / practical7 x +

localhost/P/7/index.php?choice=deleteC

☐ Add Category

☒ Delete Category

☐ Update Category

☐ Display Category

☐ Add Item

☐ Delete Item

☐ Update Item

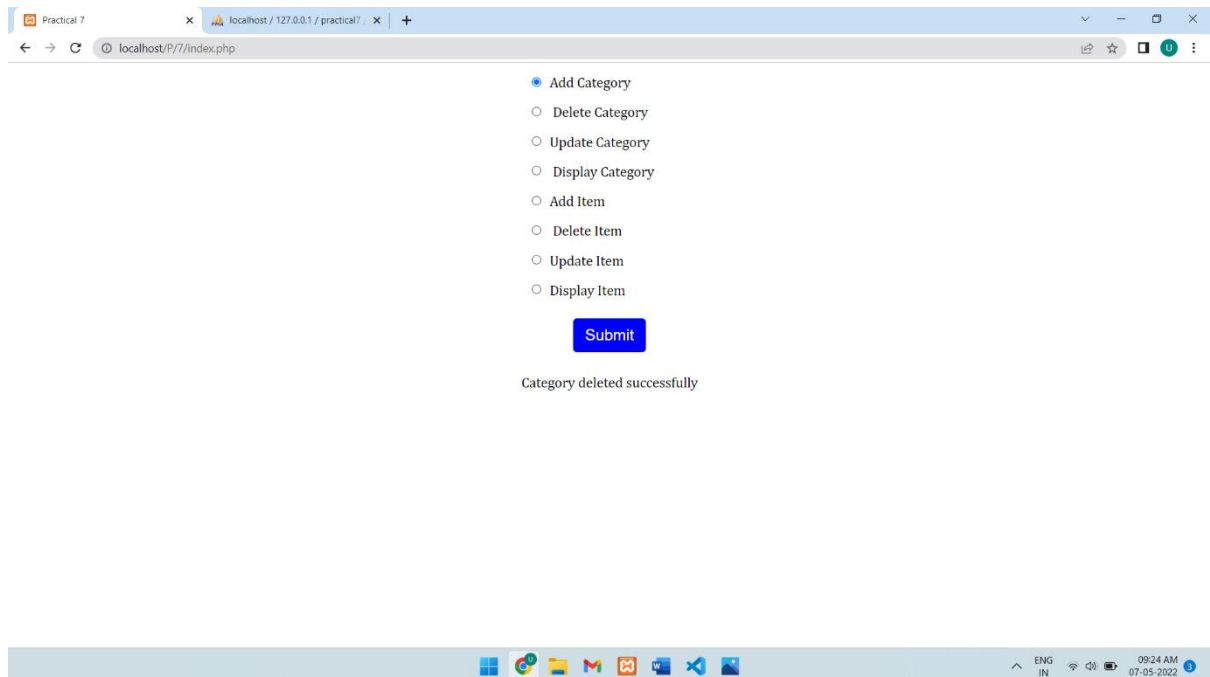
☐ Display Item

Submit

Category Id:

Submit

ENG IN 09:24 AM 07-05-2022



Practical 7 x localhost / 127.0.0.1 / practical7 x +

localhost/P/7/index.php

☒ Add Category

☐ Delete Category

☐ Update Category

☐ Display Category

☐ Add Item

☐ Delete Item

☐ Update Item

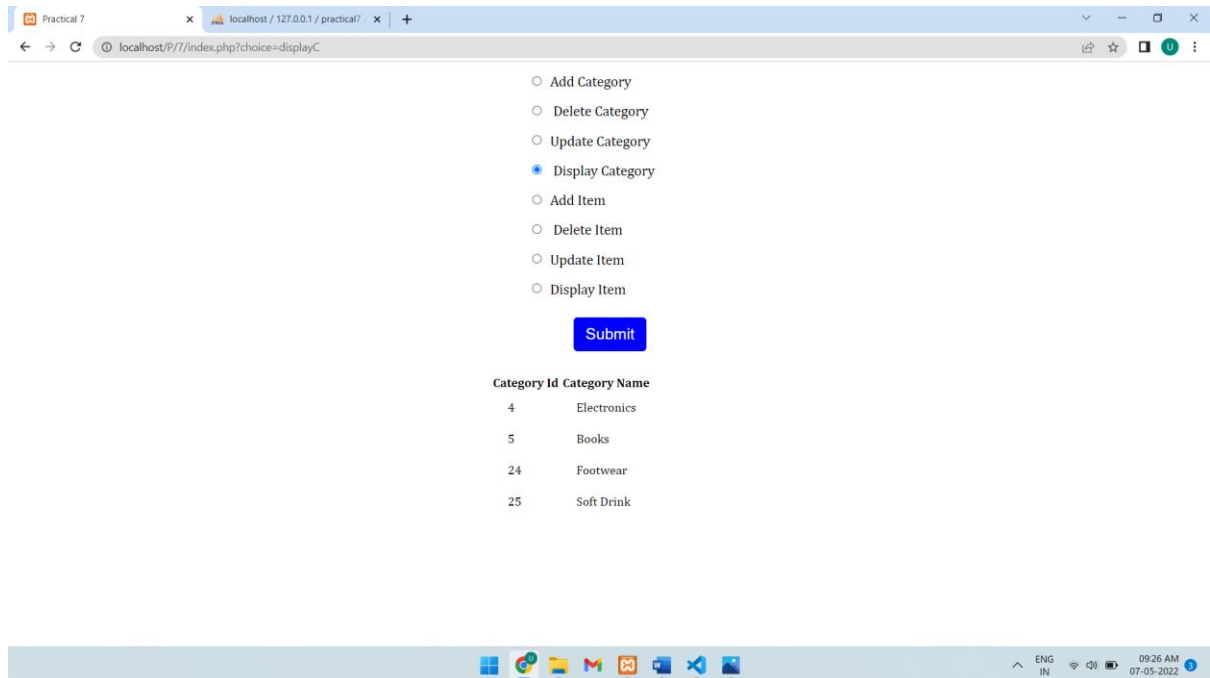
☐ Display Item

Submit

Category deleted successfully

ENG IN 09:24 AM 07-05-2022

Display Category:



localhost / 127.0.0.1 / practical7

localhost/P/7/index.php?choice=displayC

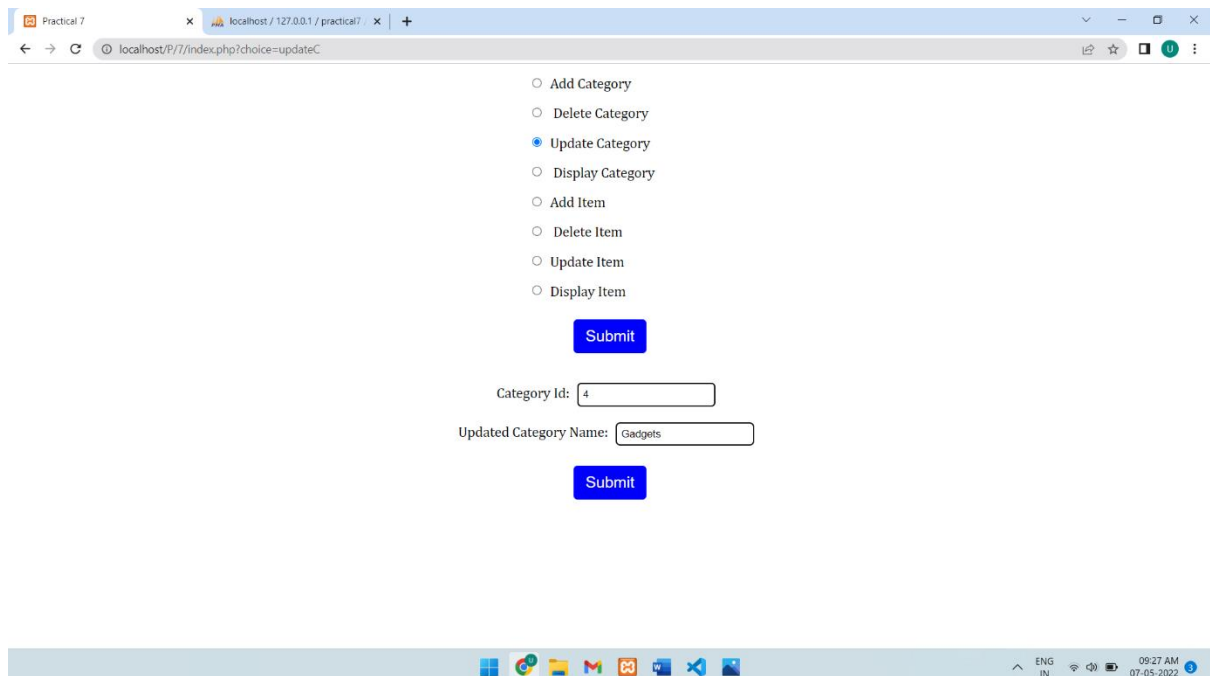
☐ Add Category
☐ Delete Category
☐ Update Category
☒ Display Category
☐ Add Item
☐ Delete Item
☐ Update Item
☐ Display Item

Submit

| Category Id | Category Name |
|-------------|---------------|
| 4 | Electronics |
| 5 | Books |
| 24 | Footwear |
| 25 | Soft Drink |

ENG IN 09:26 AM 07-05-2022

Update Category:



localhost / 127.0.0.1 / practical7

localhost/P/7/index.php?choice=updateC

☐ Add Category
☐ Delete Category
☒ Update Category
☐ Display Category
☐ Add Item
☐ Delete Item
☐ Update Item
☐ Display Item

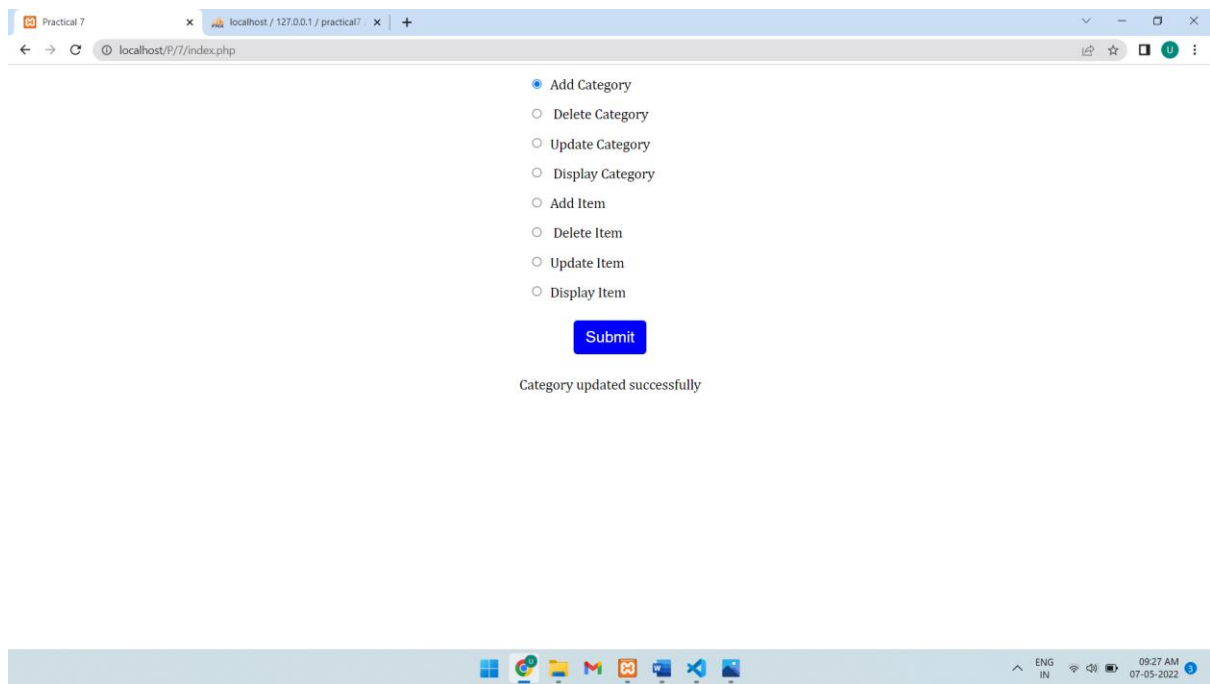
Submit

Category Id:

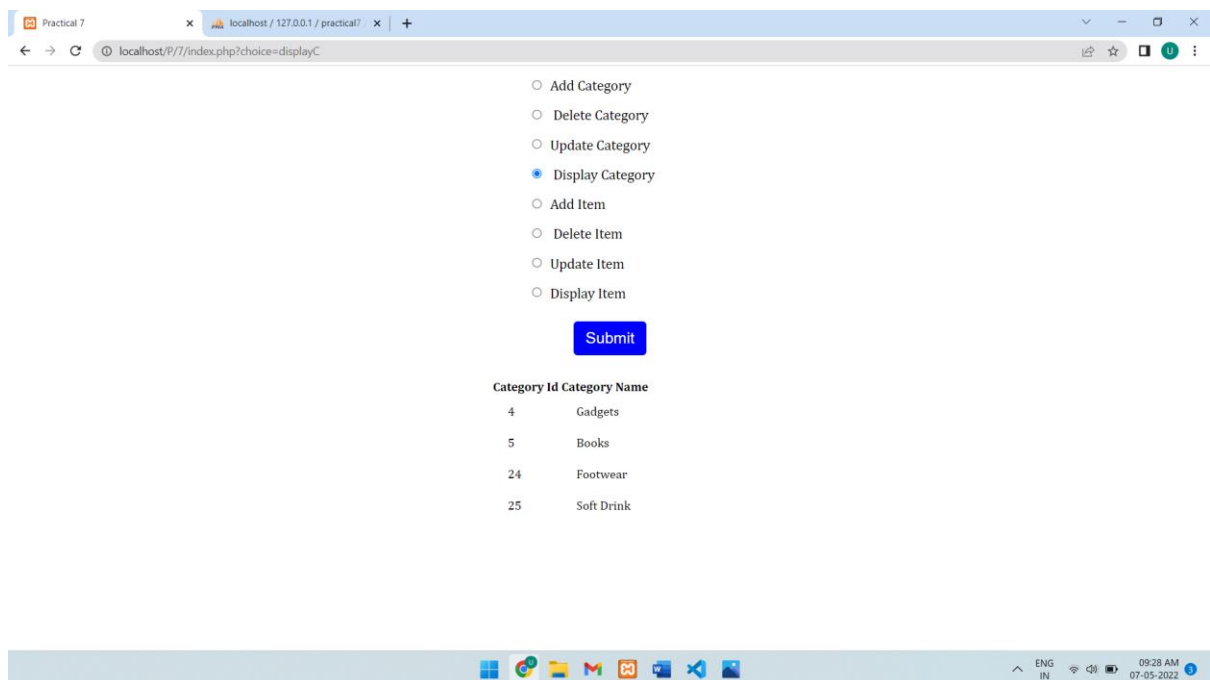
Updated Category Name:

Submit

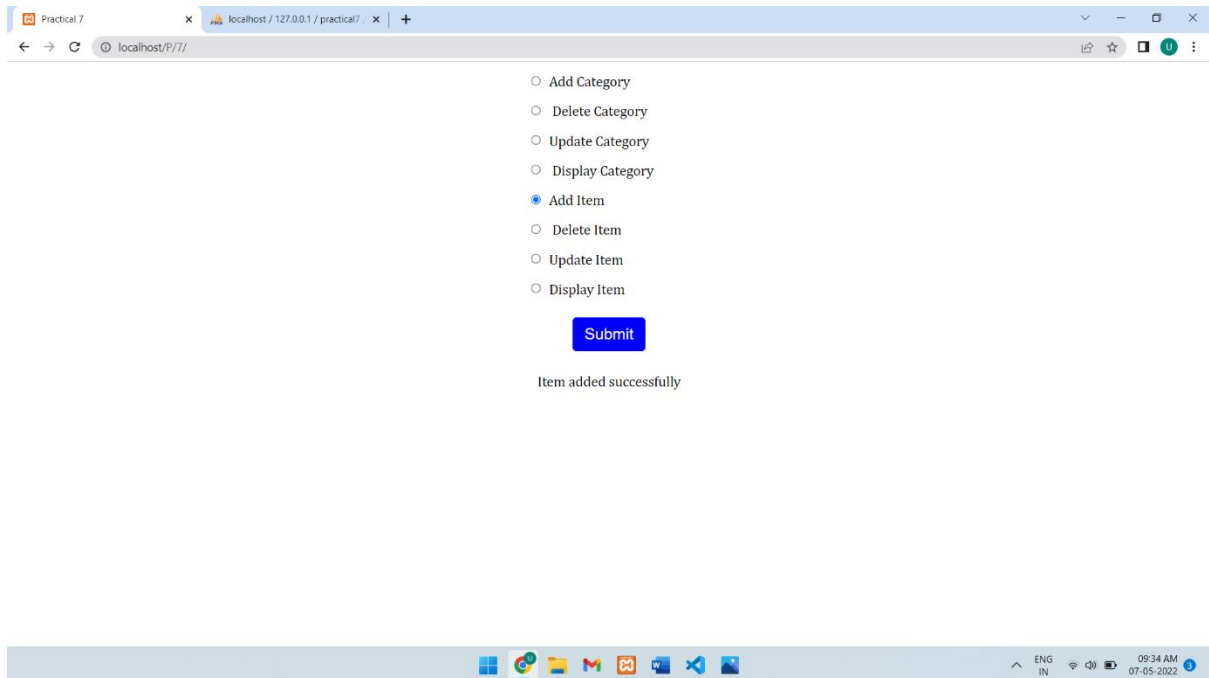
ENG IN 09:27 AM 07-05-2022



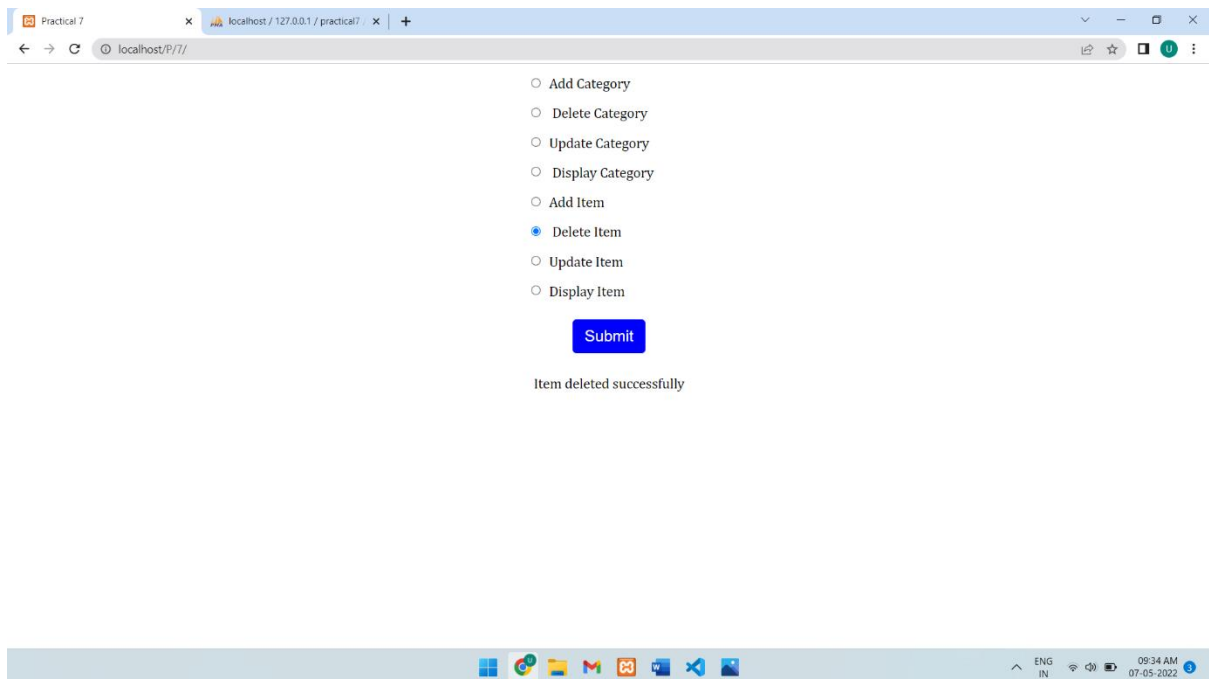
As you can see the item is updated successfully.



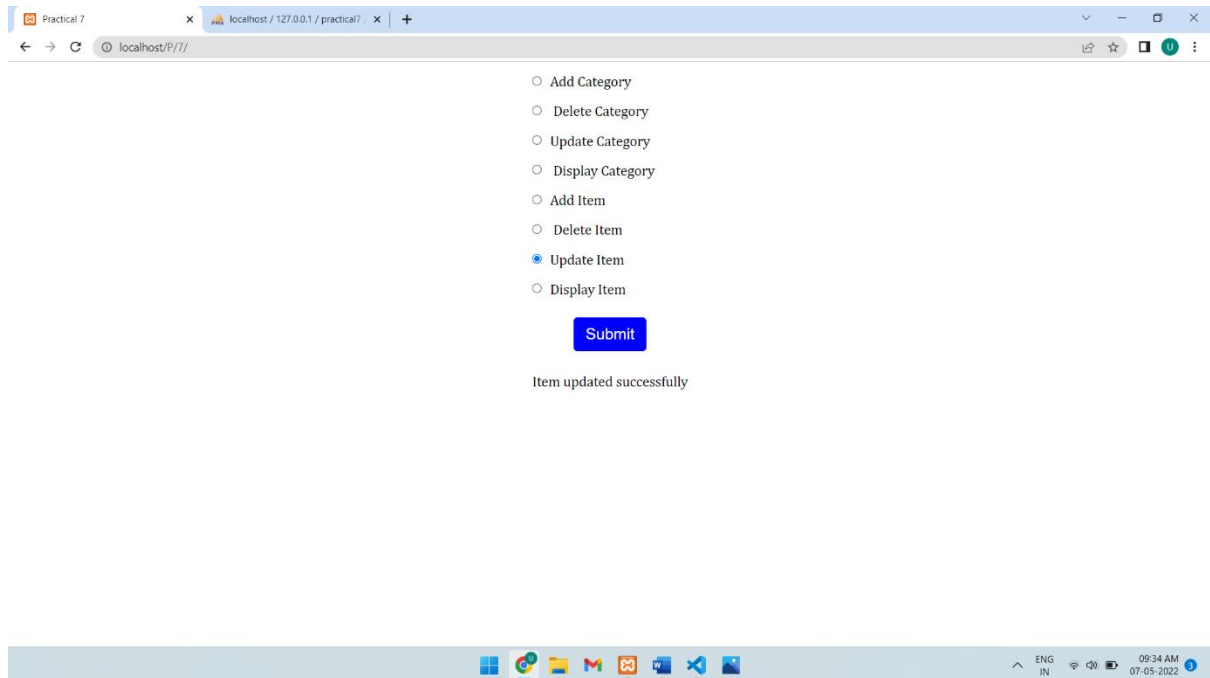
Add item:



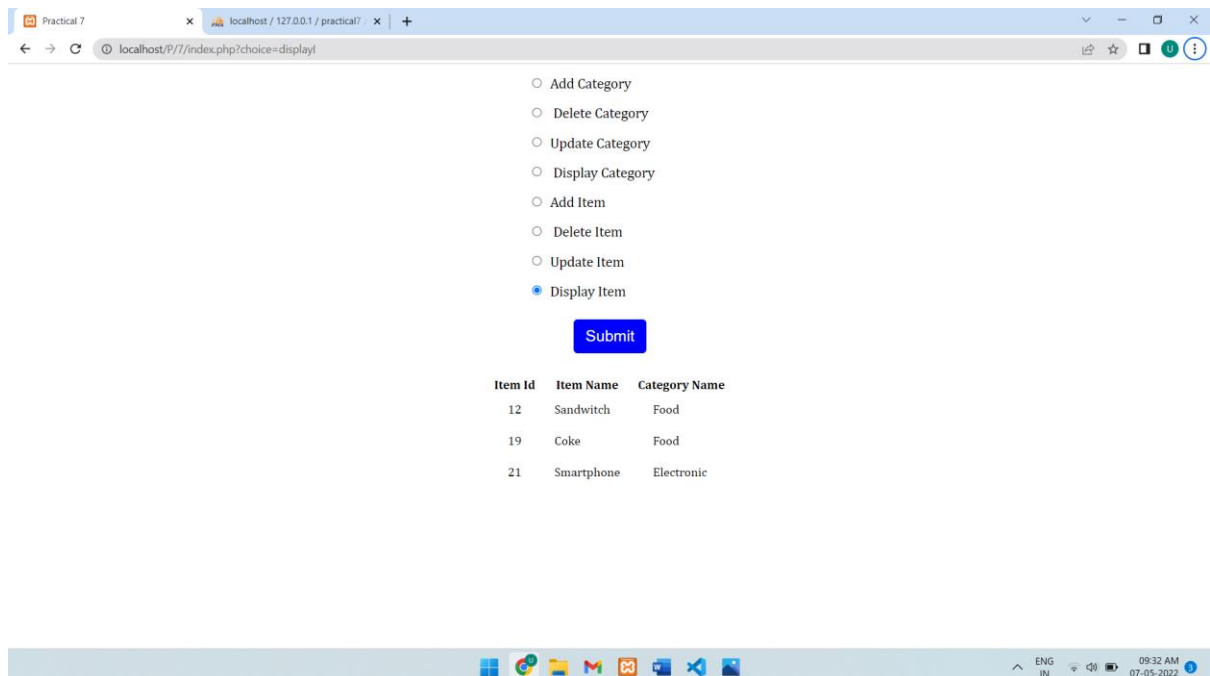
Delete item:



Update item:



Display item:



Conclusion:

From this practical, we learnt about mysqli and how to perform database queries in php.