

BCA-405 PHP Practical assignment

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1. Write a PHP program for add record into database

1. connect.php
2. welcome.php

2. Write a PHP program for search record from the database

1. connect.php
2. search.php

3. Write a PHP program for delete, update record from the database

1. connect.php
2. update_input.html
3. update.php
4. delete_input.html
5. delete.php

4. Develop a PHP application to make following Operation

i. Registration of user + ii. Insert the details of user.

1. connect.php
2. welcome.php

Modify the details

3. update_input.html
4. update.php

connect.php

```
<?php
$con = new mysqli("localhost", "root", "", "php406");
$data_field = array("id"=>"number", "name"=>"text", "phoneno"=>"text",
"city"=>"text", "email"=>"email", "password"=>"password");
?>
```

welcome.php

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Join Code Community</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h2>Welcome to Code Community</h2>
    <div class="box">
        <button><a class="btn-danger btn" href="display.php">All Coders</a></button>
        <button><a class="btn-primary btn" href="search.php">Search</a></button>
    </div>
    <div>
        <button><a class="btn-primary btn" href="update_input.html">Go Update</a></button>
        <button><a class="btn-primary btn" href="delete_input.html">Go Delete</a></button>
    </div>
    <p>Fill details and join Community</p>
    <form method="post">
        <?php include "connect.php";
        foreach($data_file as $file=>$type) { echo fileInput($file, $type); }
        ?>
        <button class="btn-primary btn" name="submit">Join</button> <br>

    </form>
    <?php
    if(isset($_POST['submit'])) {
        try {
            if(!$con) {
                die("connection to this database failed due
to".mysqli_connect_error()."<br>");
            }
            $new_data = array();
            foreach ($data_file as $file=>$type) {
                $new_data[$file] = $_POST[$file];
            }
            $sql = "INSERT INTO `codeuser` (`id`, `name`, `phoneno`, `city`, `email`,
`password`)
                VALUES (
                    '". $new_data["id"]."', '". $new_data["name"]."',
                    '". $new_data["phoneno"]."', '". $new_data["city"]."',
                    '". $new_data["email"]."', '". $new_data["password"]."'
                );";
            mysqli_query($con,$sql);
            echo "<h3>Thanks '". $new_data["name"]."' to Join Code Community<h3>";
            $con->close();
        } catch (\Throwable $th) {
            // echo "data is not inserted correctly ".$th;
            echo "<p class='error'>This <b>id</b> already <span class='error-
impo'>Exist</span></p>";
        }
    }
}
```

```

    }
}
function fildInput($fild, $type) {
    return '<div class="flex-box">
        <lable for="'. $fild. '">'. $fild. '</lable>
        <input type="'. $type. '" name="'. $fild. '">
    </div>';
}
?>
</body>
</html>

```

search.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Code Community Member</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h1>Search Community Member</h1>

    <form action="?" method="post">
    <div class="flex-box">
        <lable for="id">id</lable>
        <input type="number" name="id">
    </div>
    <br>
    <input type="submit" name="search" value="Search" class="btn-primary btn">
    <button><a class="btn-danger btn" href="welcome.php">Back to Home</a></button>
    </form>
    <?php include "connect.php";
    if(isset($_POST['search'])) {
        try {
            $id = $_POST['id'];
            if(!$con) {
                die("<b>Connection failed</b> to this database due to:
".mysqli_connect_error()."<br>");
            }
            $sql = "SELECT * FROM `codeuser` WHERE `id`='". $id. "'";
            $response = mysqli_query($con,$sql);
            $res = mysqli_fetch_array($response);
            if($res) {
                echo '<table>
                    <tr>'
                        .table_head($data_fild).'
                    <th>Remove</th>
                    <th>Change</th>
                </tr>
                <tr>';

```

```

        foreach($data_fild as $fild=>$type) {
            echo "<td>".$res[$fild]."</td>";
        }
        echo '<td>
            <a href="delete.php?id='.$res["id"].'"><button class="btn-
danger btn">Delete</button></a>
        </td>
        <td>
            <a href="update.php?id='.$res["id"].'"> <button class="btn-
primary btn">Update</button> </a>
        </td>
    </tr>';
    echo '</table>';
} else {
    echo "<p class='error'><b>Not found</b> any record where id is:
<span class='error-impo'>".$id."</span></p>";
}
$con->close();
} catch (\Throwable $th) {
    echo "<p class='error'>Please <b>Enter Id</b>: and click <span
class='error-impo'>Search</span></p>";
    // echo "Error -- ".$th;
}
}
function table_head($fild_list) {
    $head_list = "";
    foreach($fild_list as $fild=>$type) {
        $head_list = $head_list."<th>".$fild."</th>";
    }
    return $head_list;
}
?>
</body>
</html>

```

update_input.html

```

<!DOCTYPE html>
<html>

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Code Community Member</title>
    <link rel="stylesheet" href="style.css">
</head>

<body>
    <h2>Update Your Info | Code community member</h2>
    <form action="update.php" method="get">
        <div class="flex-box">
            <label for="id">id</label>
            <input type="number" name="id">

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        </div><br>
        <input type="submit" name="update" value="Update" class="btn-primary btn">
        <button><a class="btn-danger btn" href="welcome.php">Back to Home</a></button>
    </form>
</body>

</html>

```

update.php

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Join Code Community</title>
    <link rel="stylesheet" href="style.css">
</head>
<body>
    <h1>Welcome to Code Community > Update</h1>
    <form method="post">
        <?php include "connect.php";
        try {
            if(!$con) {
                die("connection to this database failed due
to".mysqli_connect_error()."<br>");
            }
            $id = $_GET['id'];
            $sql = "SELECT * FROM `codeuser` WHERE `id` = $id;";
            $response = mysqli_query($con,$sql);
            $res = mysqli_fetch_array($response);
            if($res){
                echo "<p>Hello <b>".$res['name']."</b>, update your information</p>";
                foreach($data_fild as $fild=>$type) {
                    echo fildInput($fild, $type, $res[$fild]);
                }
            }
            else {
                echo go_home("Record is not found");
            }
        } catch (\Throwable $th) {
            echo "data is not available!".$th;
        }
    >
    <input type="submit" class="btn-primary btn" name="update" value="Update">
    <button><a class="btn-danger btn" href="welcome.php">Back to Home</a></button>
</form>
<?php
try {
    if(isset($_POST['update'])) {
        $sql_data = array();
        $sql_last_fild = "";
        foreach ($data_fild as $fild=>$type) {

```

```

        if ($fild == 'id' || $_POST[$fild]==' ' || $_POST[$fild]==$res[$fild])
    {
        continue;
    } else {
        $sql_data[$fild] = $_POST[$fild];
        $sql_last_fild = $fild;
    }
}
// prepare sql query for updating data
$sql = "UPDATE `codeuser` SET";
foreach( $sql_data as $fild=>$data) {
    $sql = $sql." `"$fild`" = '" . $data . "'";
    if($fild != $sql_last_fild) { $sql = $sql.", ";}
};
$sql = $sql." WHERE `codeuser`.`id` = ".$id.";";
if($sql_last_fild == "") {
    echo "<p class='error'>Data is not <span class='error-
impo'>Changed</span></p>";
    goto end;
}
mysqli_query($con,$sql);
echo go_home('alert("Data is Updated");');
echo '<a id="go_home" href="welcome.php"></a>
<script>
    alert("Data is Updated");
    go_home.click();
</script>';
$con->close();
}
} catch (\Throwable $th) {
    echo "Error: $th";
}
end:

function fildInput($fild, $type, $value) {
    if ($fild == "id") { return ' '; }
    return '<div class="flex-box">
        <lable for="'. $fild .'">' . $fild . '</lable>
        <input type="'. $type .'" name="'. $fild .'" value="'. $value .'">
    </div>';
}

function go_home($msg) {
    return '<a id="go_home" href="welcome.php"></a>
    <script>
        alert("'. $msg .'");
        go_home.click();
    </script>';
}
?>
</body>
</html>

```

delete_input.html

```

<!DOCTYPE html>

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Code Community Member</title>
  <link rel="stylesheet" href="style.css">
</head>

<body>
  <h2>Thanks to Using | Code community member</h2>
  <form action="delete.php" method="get">
    <div class="flex-box">
      <lable for="id">id</lable>
      <input type="number" name="id">
    </div><br>
    <input type="submit" name="delete" value="Delete" class="btn-primary btn">
    <button><a class="btn-danger btn" href="welcome.php">Back to Home</a></button>
  </form>
</body>

</html>

```

delete.php

```

<?php include "connect.php";
try {
  if(!$con) {
    die("connection to this database failed due to".mysqli_connect_error()."  
<br>");
  }
  $id = $_GET['id'];
  $sql = "SELECT * FROM `codeuser` WHERE `id` = $id;";
  $response = mysqli_query($con,$sql);
  $res = mysqli_fetch_array($response);
  $sql = "DELETE FROM `codeuser` WHERE `codeuser`.`id` = ".$_GET['id'].>";
  if($res){
    mysqli_query($con,$sql);
    echo go_home("Hi ".$res['name'].", deleted your record");
  }
  else {
    echo go_home("Record is not found");
  }
} catch (\Throwable $th) {
  echo go_home("data is not Found!");
}
function go_home($msg) {
  return '<a id="go_home" href="welcome.php"></a>
  <script>
    alert("'" . $msg . "');
    go_home.click();
  </script>';

```

```
}  
?>
```