AWT Assignment:

Output:

Login page:

```html
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="./css/Login.css" />
    <script src="./index.js" defer></script>
    <style>
        body {
            margin: 0px;
            padding: 0px;
            box-sizing: border-box;
        }
    </style>
    <title>Home</title>
</head>
<body>
    <div class="header">
        <p>Login</p>
    </div>

    <div class="form_div">
        <form class="form" action="login.php" method="post">
            <input
                type="text"
                id="username"
                name="username"
                placeholder="Reg Number"
            />
            <input
                type="password"
                id="password"
                name="pass"
                placeholder="Password"
            />
            <button type="submit" class="btn_submit">Login</button>
            <button class="btn_submit" type="button" onclick="createACC()">
                Create Account
            </button>
```
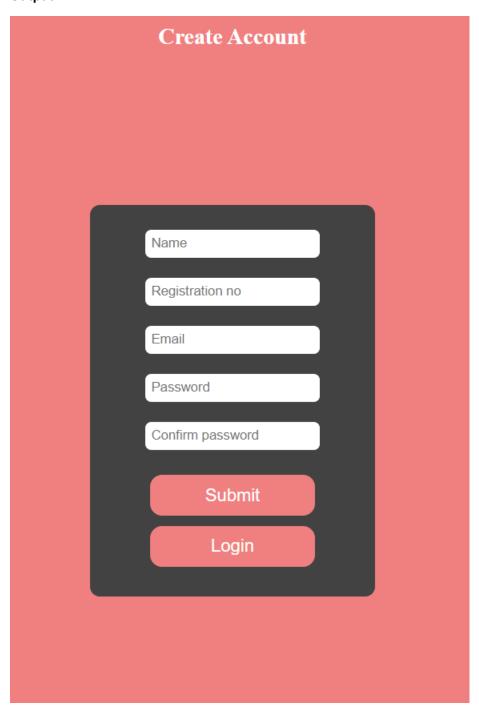
CSS file:

```css
.header {
    background-color: lightcoral;
    text-align: center;
    padding: 20px;
    font-size: 1.4rem;
    font-weight: bolder;
    color: #fff;
}
.header p {
    margin: 0;
}
.form_div {
    display: flex;
```

```css
        justify-content: center;
        align-items: center;
        background-color: lightcoral;
        height: 88.7vh;
}
.form {
        display: flex;
        flex-direction: column;
        justify-content: space-around;
        margin: 40px 0px;
        padding: 25px 55px;
        font-size: 1.2rem;
        background-color: #424242;
        border-radius: 10px;
        color: white;
}
.form input {
        margin-bottom: 20px;
        border: none;
        padding: 6px;
        border-radius: 6px;
}
.btn_submit {
        padding: 10px;
        border-radius: 12px;
        font-size: 1.1rem;
        color: white;
        background-color: lightcoral;
        border: none;
        cursor: pointer;
        margin: 5px;
}
.btn_submit:hover {
        background-color: lightcoral;
}

.header {
        background-color: #9c27b0;
        text-align: center;
        padding: 20px;
        font-size: 1.4rem;
        font-weight: bolder;
        color: #fff;
        display: flex;
        justify-content: space-between;
}
.header p {
        margin: 0;
```

```css
}
.logout {
    padding: 10px;
    background-color: #424242;
    color: white;
    cursor: pointer;
    border-radius: 12px;
    border: none;
}
.logout:hover {
    color: #fff;
}
.form_div {
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    background-color: #9c27b0;
    height: 87vh;
}
.form {
    display: flex;
    flex-direction: column;
    justify-content: space-around;
    margin: 40px 0px;
    padding: 25px 55px;
    font-size: 1.2rem;
    background-color: #9c27b0;
    border: 2px solid black;
    border-radius: 10px;
    color: white;
}
.form input {
    margin-bottom: 20px;
    border: none;
    padding: 6px;
    border-radius: 6px;
}
.btn_submit {
    padding: 10px;
    border-radius: 12px;
    font-size: 1.1rem;
    color: white;
    background-color: #424242;
    cursor: pointer;
    border: none;
    outline: none;
}
```

```css
.btn_submit:hover {
    background-color: #424242;
}
.data_entered {
    color: white;
    background-color: #9c27b0;
    padding: 10px;
    border-radius: 10px;
    margin-bottom: 30px;
}
```

JavaScript file:

```javascript
function createACC() {
    location.href = "./createACC.html";
}
function Data_E() {
    location.href = "./Data_Entry_.php";
}
function Data_R() {
    location.href = "./Data_Retrieval_.php";
}
function Go_home() {
    location.href = "./home.php";
}
function Go_login() {
    location.href = "./login.html";
}
```

Php file:

```php
<?php
require('./connection.php');
extract($_POST);
if(strlen($regno)==0 || strlen($Name)==0 || strlen($email)==0 || strlen($password)==0 || strlen($confirm_password)==0){
    $_SESSION["error"] = "No such user";
    header("location: ./create_acc.html");
    exit;
}
$sql = "INSERT INTO `users`(`regno`, `name`, `email`, `password`, `confirm_password`) VALUES ('$regno','$Name','$email','$password','$confirm_password')";
if($password!=$confirm_password){
    echo "Error: Incorrect Password" ;
}
if (mysqli_query($conn, $sql)) {
 header("Location: ./home.php");
 die();
} else {
  echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}

mysqli_close($conn);

?>
```

```php
<?php
session_start();
require('./connection.php');
extract($_POST);
$sql = "INSERT INTO `data_student`(`serial_no`, `regno`, `name`, `sub1`, `sub2`, `sub3`) VALUES ('$serial_no','$regno','$Name','$sub1','$sub2','$sub3

if (mysqli_query($conn, $sql)) {
  $_SESSION["data_entered__"] = $regno;
 header("Location: ./Data_Entry_.php");

 die();
} else {

  echo "Error: " . $sql . "<br>" . mysqli_error($conn);
}

 mysqli_close($conn);


?>
```

```php
<?php
session_start();
extract($_SESSION);
?>


<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="./css/data_entry.css">
    <script src="./nav.js" defer ></script>
    <style>
      body{
        margin:0px;
        padding: 0px;
      }
    </style>
    <title>data_entry</title>
  </head>
  <body>
    <div class="header">
      <p >Enter Student Data
      </p>
     <span><button class="logout" onclick="Go_home()">Go Home</button></span>
    </div>
    <div class="form_div">

      <form class="form" action="Data_Entry.php" method="post">
        <input type="text" id="serial" name="serial_no" placeholder="Serial no"/>
        <input type="text" id="regno" name="regno" placeholder="Reg Number" />
        <input type="text" id="name" name="Name" placeholder="Name" />
        <input type="number" id="sub1" name="sub1" placeholder="Subject1" />
        <input type="number" id="sub2" name="sub2" placeholder="Subject2" />
        <input type="number" id="sub3" name="sub3" placeholder="Subject3" />
```

```html
        <button type="submit" class="btn_submit">Submit</button>
    </form>
   <?php if(isset($data_entered__)){
      echo"
      <h2 class='data_entered'>$data_entered__ Data Entered</h2>
      ";
}
?>
   </div>
 </body>
</html>
```

```php
<?php
require './connection.php';
session_start();
extract($_POST);
$reg=$_POST['data'];
$sql = "SELECT * FROM data_student WHERE regno='$reg'";
$result = $conn->query($sql);
$row = [];
print_r($result);
if ($result->num_rows > 0) {
    unset($_SESSION["no_data_retrieval"]);

    $res = $result->fetch_assoc();

    extract($res);
        $_SESSION["reg__"] = $regno;
        $_SESSION["name__"] = $name;
        $_SESSION["sub1__"] = $sub1;
        $_SESSION["sub2__"] = $sub2;
        $_SESSION["sub3__"] = $sub3;
        $_SESSION["avg__"] = ($sub1+$sub2+$sub3)/3;
        header("location: ./Data_Retrieval_.php");
        die();

} else {
    unset($_SESSION["reg__"]);
    unset($_SESSION["name__"]);
    unset($_SESSION["avg__"]);
    $_SESSION["error"] = "No such user";
    $_SESSION["no_data_retrieval"]="No such user";
    header("location: ./Data_Retrieval_.php");

    exit;
}
$conn->close();
?>
```

```php
<?php
session_start();

extract($_SESSION);
?>
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta http-equiv="X-UA-Compatible" content="IE=edge" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <link rel="stylesheet" href="./css/data_retrieval.css">
    <script src="./index.js" defer></script>
    <style>
      body{
        margin:0px;
        padding: 0px;
      }
    </style>
    <title>Document</title>
  </head>
  <body>
    <div class="header">
      <p >Data Retrieval of Students
      </p>
     <span><button class="logout" onclick="Go_home()">Go Home</button></span>
    </div>
    <div class="form_div">

      <form class="form" action="Data_Retrieval.php" method="post">
        <label for="">Enter the registration number</label>
        <input type="text" id="data" name="data" placeholder="Reg no"/>
        <button class="btn_submit" type="submit">Submit</button>
      </form>
 <?php if(isset($name__) && isset($reg__) && isset($avg__)){
      echo "<div class='details'><span class='detail'>Name: $name__ </span><span
class='detail'>Regno: $reg__ </span><span class='detail'>Average marks: $avg__
</span></div>";


      echo '
      <h4 class="update_me">Update</h4>
      <form class="form2" action="update.php" method="post">
      <div class="mar">
      <input type="number" id="first" name="update_sno" placeholder="Serial no" /></div>
      <div class="mar">
      <input type="text" id="second" name="update_name" placeholder="Name" />
      </div>
```

```
        <div class="mar">
        <input type="number" id="third" name="update_sub1" placeholder="Subject1" />
        </div>
        <div class="mar">
        <input type="number" id="fourth" name="update_sub2" placeholder="Subject2"/>
        </div>
        <div class="mar">
        <input type="number" id="fifth" name="update_sub3" placeholder="Subject3"/>
        </div>
        <button class="btn_submit" type="submit">Submit</button>
    </form>


        ';
}
  if(isset($no_data_retrieval) ){
    echo "<h2>$no_data_retrieval</h2>";
  }


?>
    </div>



  </body>
</html>
```

```php
<?php
session_start();
unset($_SESSION["reg__"]);
unset($_SESSION["name__"]);
unset($_SESSION["avg__"]);
unset($_SESSION["data_entered__"]);
unset($_SESSION["no_data_retrieval"]);
extract($_SESSION);
?>
<!DOCTYPE html>
<html lang="en">
    <head>
        <meta charset="UTF-8" />
        <meta http-equiv="X-UA-Compatible" content="IE=edge" />
        <meta name="viewport" content="width=device-width, initial-scale=1.0" />
        <link rel="stylesheet" href="./css/Home.css" />
        <script src="./index.js" defer></script>
        <style>
            body {
                margin: 0px;
                padding: 0px;
            }
        </style>
        <title>Home</title>
    </head>
    <body>
        <div class="header">
            <p>Welcome to Student Information Centre</p>
            <a href="logout.php"><button class="logout">Logout</button></a>
        </div>
        <div class="buttons">
            <div class="clicks">
                <button onclick="Data_E()">Data Entry</button>

                <button onclick="Data_R()">Data Retrieval</button>
            </div>
```

```html
<div class="sports">
    <p>Favourite e-Sports Players</p>
</div>
<div class="container">
    <div class="image">
        <a href="twitch.tv/shahzam"
            ><img
                src="https://images.squarespace-cdn.com/content/v1/5aa9…layer_Pics_2021_VALORANT_ShahZaM.png?format=1000w"
                alt="Shahzam"
        /></a>
    </div>
    <div class="image">
        <a href="twitch.tv/tenz"
            ><img
                src="https://www.google.com/url?sa=i&url=https%3A%2F%2Fliquipedia.net%2Fvalorant%2FTenZ&psig=AOvVaw3gjKCMAoWqaqlGnaLvdK3i&ust=1639149073364000&sou
                alt="TenZ"
        /></a>
    </div>
    <div class="image">
        <a href="twitch.tv/zombs"
            ><img
                src="https://images.squarespace-cdn.com/content/v1/5aa9…_Player_Pics_2021_VALORANT_Zombs.png?format=1000w"
                alt="Zombs"
        /></a>
    </div>
    <div class="image">
        <a href="twitch.tv/sick_cs"
            ><img
                src="https://images.squarespace-cdn.com/content/v1/5aa9…e_Player_Pics_2021_VALORANT_SicK.png?format=1000w"
                alt="Sick"
        /></a>
    </div>
    <div class="image">
        <a href="twitch.tv/dapr"
            ><img
                src="https://images.squarespace-cdn.com/content/v1/5aa9…e_Player_Pics_2021_VALORANT_Dapr.png?format=1000w"
```