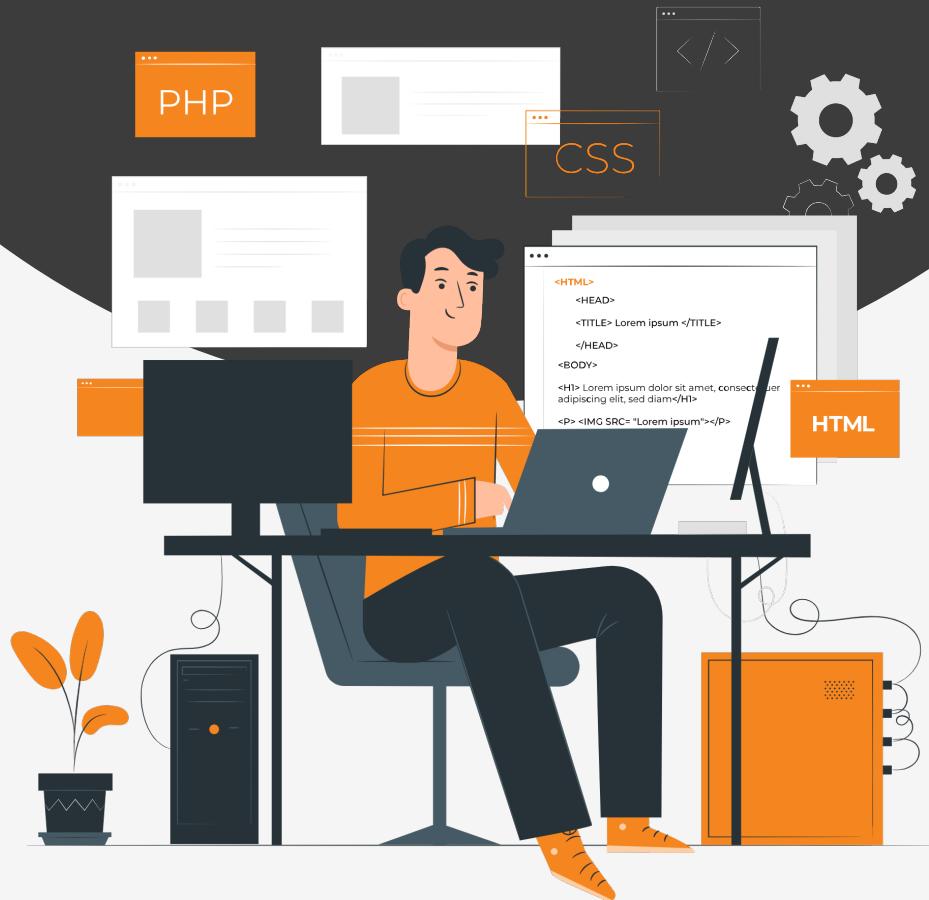


# Media and Forms

## Assignment Solution



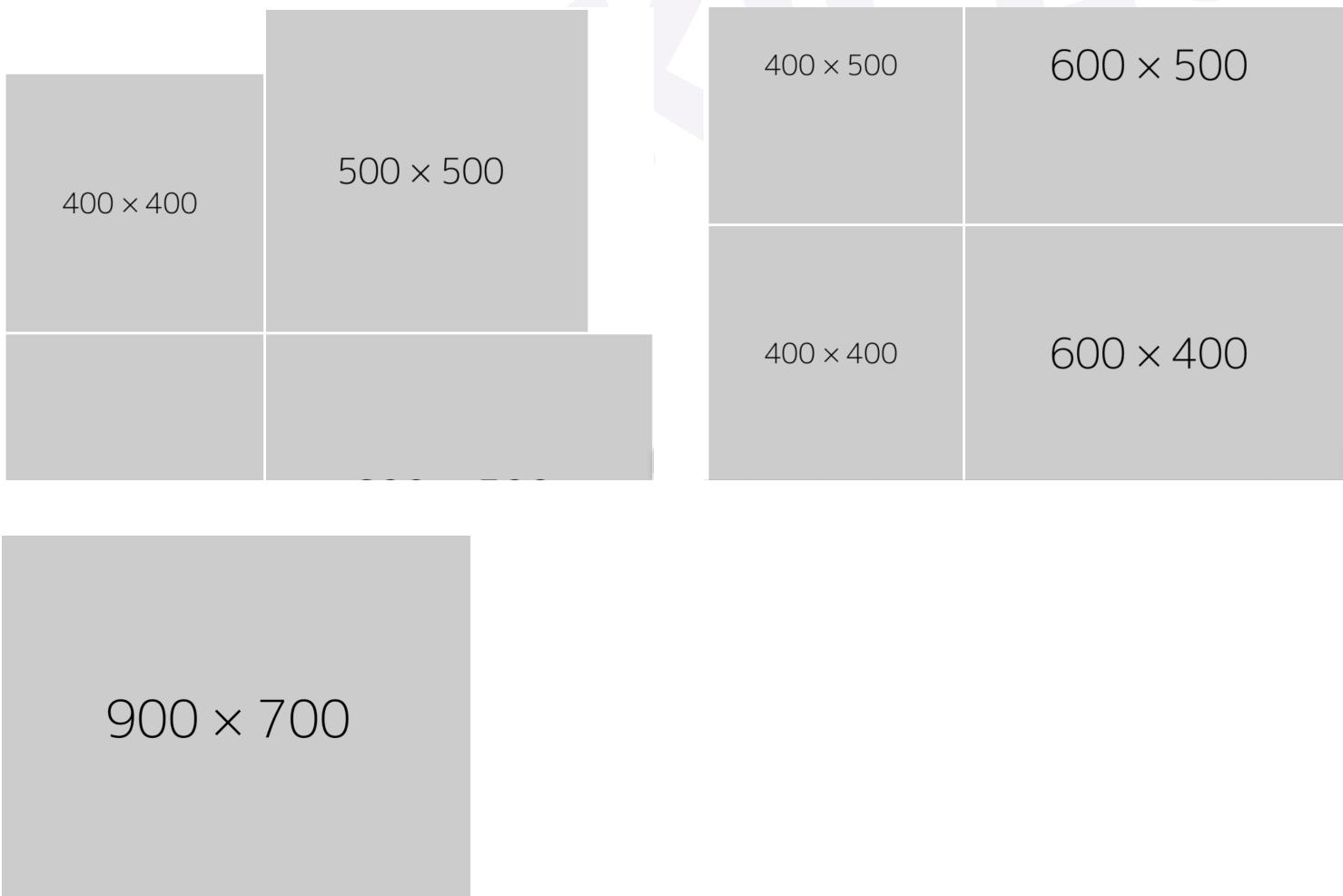
## 1. Create an image gallery that holds multiple images.

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment 1</title>
</head>

<body>
  
  
  
  
  
  
  
</body>

</html>
```



## 2. Use video and audio tags to display video and audio with the playback, and audio controls

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment 1</title>
</head>

<body>
  <audio src="https://www.learningcontainer.com/wp-content/uploads/2020/02/Kalimba.mp3"
controls>Kalimba Audio</audio>

  <video src="https://download.samplelib.com/mp4/sample-5s.mp4" controls></video>
</body>

</html>
```



**3. Modify the previous assignment so that the audio and video play automatically as the page is loaded and they should play infinitely**

```
<!DOCTYPE html>
<html lang="en">

<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Assignment 1</title>
</head>

<body>
  <audio src="https://www.learningcontainer.com/wp-content/uploads/2020/02/Kalimba.mp3"
controls muted autoplay
loop>Kalimba Audio</audio>

  <video src="https://download.samplelib.com/mp4/sample-5s.mp4" controls muted autoplay
loop></video>
</body>

</html>
```



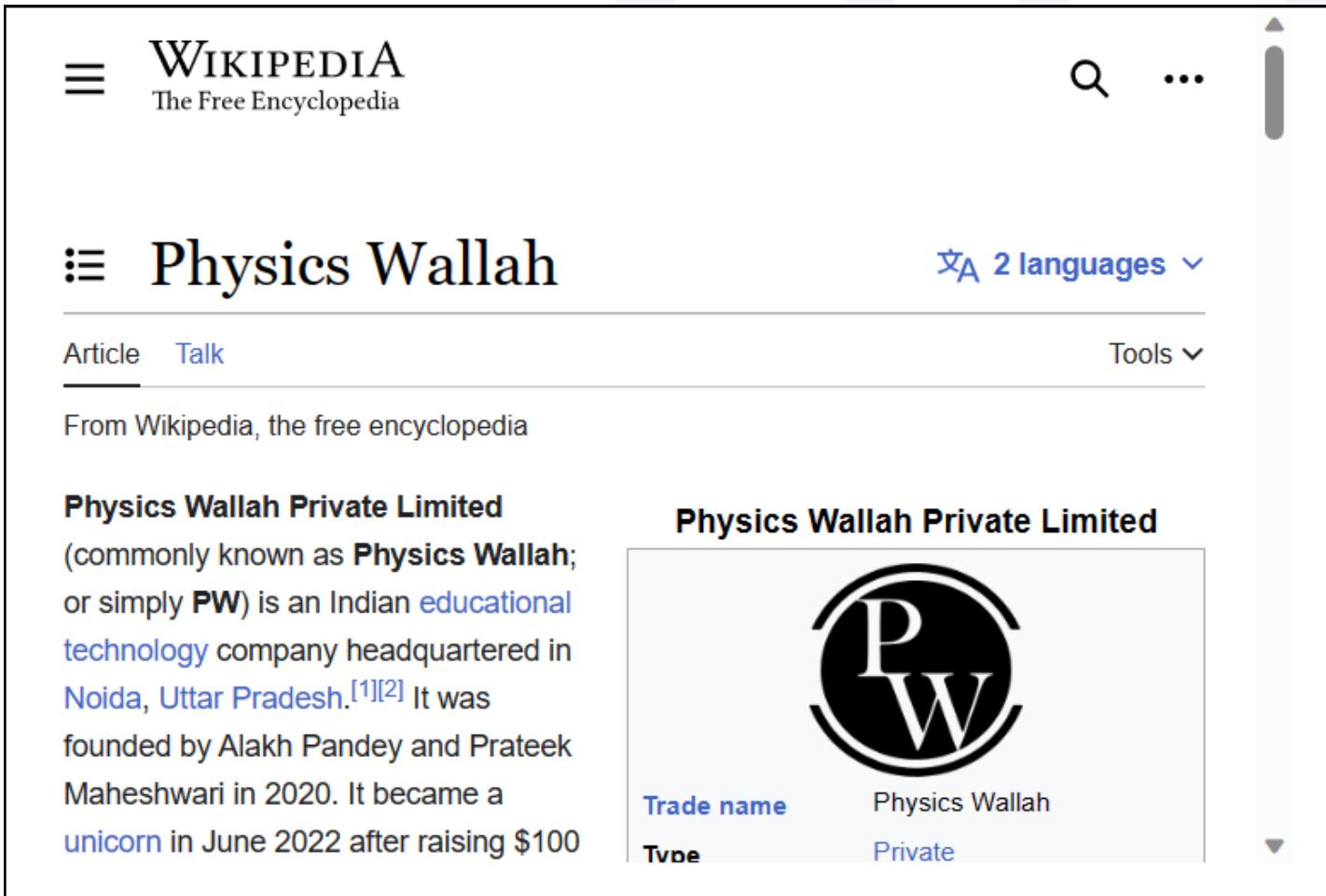
## 4. Use iframe to embed the PhysicsWallah Wikipedia page properly.

```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Assignment 1</title>
</head>

<body>
    <iframe src="https://en.wikipedia.org/wiki/Physics_Wallah" style="border:0px #ffffff none;" name="myiFrame"
        scrolling="yes" frameborder="1" marginheight="0px" marginwidth="0px" height="400px"
        width="600px"
        allowfullscreen></iframe>
</body>

</html>
```



The screenshot shows the Wikipedia page for "Physics Wallah". The page title is "Physics Wallah". The main content area describes Physics Wallah Private Limited, mentioning it is an Indian educational technology company headquartered in Noida, Uttar Pradesh, founded by Alakh Pandey and Prateek Maheshwari in 2020, and became a unicorn in June 2022 after raising \$100 million. To the right of the text, there is a box containing the company's logo (a circle with "P" and "W" intertwined) and its details: Trade name: Physics Wallah, Type: Private.

WIKIPEDIA  
The Free Encyclopedia

# Physics Wallah

2 languages

Article Talk Tools

From Wikipedia, the free encyclopedia

**Physics Wallah Private Limited**

(commonly known as **Physics Wallah**; or simply **PW**) is an Indian [educational technology](#) company headquartered in [Noida, Uttar Pradesh](#).<sup>[1][2]</sup> It was founded by Alakh Pandey and Prateek Maheshwari in 2020. It became a [unicorn](#) in June 2022 after raising \$100 million.

Trade name	Physics Wallah
Type	Private

## 5. Create a sign-up and sign-in form with proper validation.

- a. Sign-up form should have a first name, last name, email, password, confirm password, age, gender, and agree to terms and conditions fields at minimum (You can add any other if you like)
- b. Sign-in form should have email and password fields

**NOTE:** Validation is a must

**Ex:** First name, last name, and email cannot be less than 3 characters, age cannot be negative and cannot be greater than 150, fields are required, etc.,

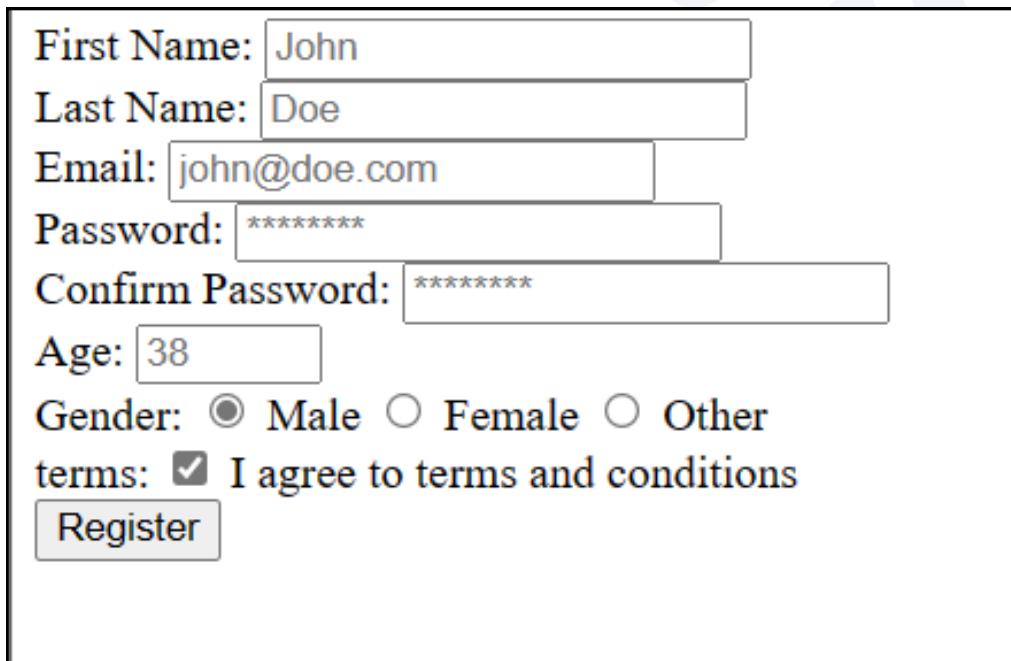
```
<!DOCTYPE html>
<html lang="en">

<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Assignment 1</title>
</head>

<body>
    <form>
        <label for="firstName">First Name:<br>
            <input type="text" name="firstName" placeholder="John" id="firstName" required minlength=3 max=20 />
        </label>
        <br>
        <label for="lastName">Last Name:<br>
            <input type="text" name="lastName" placeholder="Doe" id="lastName" required min=3 max=20 />
        </label>
        <br>
        <label for="email">Email:<br>
            <input type="email" name="email" placeholder="john@doe.com" id="email" required />
        </label>
        <br>
        <label for="password">Password:<br>
            <input type="password" name="password" placeholder="*****" id="password" required min=8 />
        </label>
        <br>
        <label for="confirmPassword">Confirm Password:<br>
            <input type="password" name="confirmPassword" placeholder="*****" id="confirmPassword" required />
        </label>
        <br>
        <label for="age">Age:<br>
            <input type="number" name="age" placeholder="38" id="age" required min=0 max=150 />
        </label>
        <br>
```

```
<label for="">Gender:  
  <input type="radio" id="male" value="male" name="gender" checked />  
  <label for="male">Male</label>  
  <input type="radio" id="female" value="female" name="gender" />  
  <label for="female">Female</label>  
  <input type="radio" id="other" value="other" name="gender" />  
  <label for="other">Other</label>  
</label>  
<br>  
<label for="terms">terms:  
  <input type="checkbox" id="terms" required /> I agree to terms and conditions  
</label>  
<br>  
<button type="submit">Register</button>  
</form>  
</body>  
  
</html>
```

**Sign in is similar to the above code.**



A screenshot of a registration form. The fields and their values are:

- First Name: John
- Last Name: Doe
- Email: john@doe.com
- Password: \*\*\*\*\*
- Confirm Password: \*\*\*\*\*
- Age: 38
- Gender: Male (radio button selected)
- terms:  I agree to terms and conditions

**Register**