

3-dars

HTML forma va uning komponentalari

*HTML **formasi**, foydalanuvchidan ma'lumotlarni yig'ish va serverga yuborish uchun ishlatiladigan veb-elementlardir.*

Darsning Umumiy Rejasi

1. Kirish

- HTML formasining ahamiyati va asosiy vazifalari.
- Forma elementlari bilan ishlashning umumiy tushunchasi.

2. HTML Formasining Tuzilishi

- `<form>` tegi va uning asosiy atributlari: `action`, `method`.
- Formani qanday qilib to'g'ri hujjatga joylashtirish.

3. Input Elements

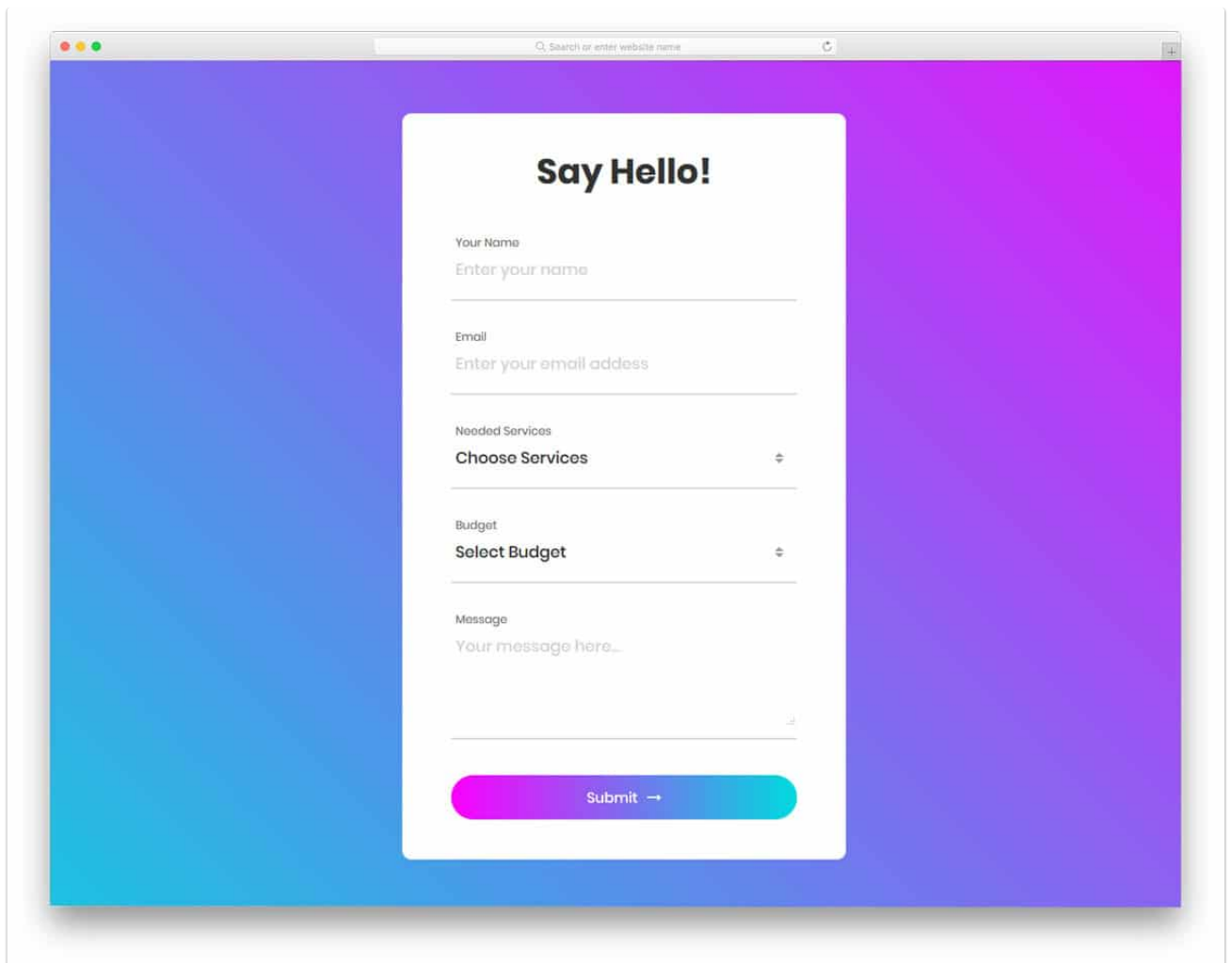
- `<input>` `type =` turlari: `text`, `password`, `submit`, `reset`, `radio`, `checkbox`, `file`, va boshqalar.
- Har bir kirish turi uchun misollar va ularning qo'llanilishi.

4. Boshqa Forma Elementlari

- HTML `<input>` tag
- HTML `<label>` tag
- HTML `<fieldset>` tag
- HTML `<legend>` tag
- HTML `<datalist>` tag
- HTML `<output>` tag
 - `<textarea>`: ko'p qatorli matn kirish uchun.
 - `<select>` va `<option>`: ro'yxatdan bir yoki bir nechta elementni tanlash.
 - `<button>`: turli xil maqsadlarda ishlatiladigan tugmalar.

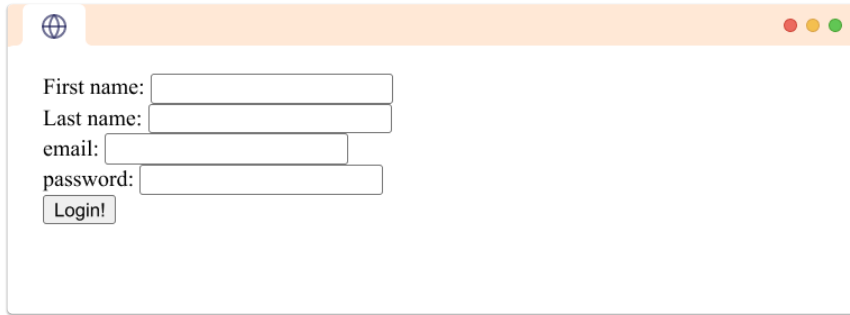
5. Forma Ma'lumotlarini Yuborish

- `GET` va `POST` metodlarining farqi va qachon ularni qo'llash.
- Ma'lumotlarni qanday qilib to'g'ri yig'ish va ularni serverga yuborish.



```
<form>
  <label for="firstname">First name: </label>
  <input type="text" name="firstname" required>
  <br>
  <label for="lastname">Last name: </label>
  <input type="text" name="lastname" required>
  <br>
  <label for="email">email: </label>
  <input type="email" name="email" required>
  <br>
  <label for="password">password: </label>
  <input type="password" name="password" required>
  <br>
  <input type="submit" value="Login!">
</form>
```

- Yuqoridagi codening natijasi.



First name:

Last name:

email:

password:

```
<form>
<label for="name">Name:</label>
<input type="text" name="name"><br><br>
<label for="gender">Gender:</label>
<input type="radio" name="gender" id="male" value="male">
<label for="male">Male</label>
<input type="radio" name="gender" id="female" value="female">
<label for="female">Female</label> <br><br>
<label for="country">Country: </label>
<select name="country" id="country">
  <option>Select an option</option>
  <option value="nepal">Nepal</option>
  <option value="usa">USA</option>
  <option value="australia">Australia</option>
</select><br><br>
<label for="message">Message:</label><br>
<textarea name="message" id="message" cols="30" rows="4"></textarea>
<br><br>
<input type="checkbox" name="newsletter" id="newsletter">
<label for="newsletter">Subscribe?</label><br><br>
<input type="submit" value="Submit">
</form>
```

- Yuqoridagi codening natijasi.

```
<form action="https://www.w3schools.com/action_page.php">
  <label for="email">Email:</label>
  <input type="email" name="email"><br><br>
  <label for="password">Password:</label>
  <input type="password" name="password"><br><br>
  <input type="submit" value="Submit">
</form>
```

- method

```
<form method = "post">
...

```

</form>

GET vs POST

GET	POST
Data sent with the GET method is visible in the URL.	Data sent with the POST method is not visible.
GET requests can be bookmarked.	POST requests can't be bookmarked.
GET requests can be cached.	POST requests can't be cached.
GET requests have a character limit of 2048 characters.	POST requests do not have a limit.
Only ASCII characters are allowed in GET requests.	All data is allowed in POST request

6. Amaliy Mashg'ulotlar

- Oddiy kontakt formasini yaratish.
- Ro'yxatdan o'tish formasini yaratish.
- Foydalanuvchi kirish formasini yaratish.
- `index.html`

```
<!doctype html>
<html lang="en">
<head>
<meta charset="UTF-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />
<title>3-dars</title>
</head>

<body>

<!-- <a href="https://t.me/Xamidullo_xudoyberdiyev_bot">Telegram</a> -->

<!-- ul - > Tartiblanmagan list -->

<!-- ol tartiblangan list -->

    <ul>
        <li>olma</li>
        <li>olma</li>
        <li>uzum</li>
        <li>nok</li>
        <li>anor</li>
    </ul>
```

```

        <ol>
            <li>olma</li>
            <li>olma</li>
            <li>uzum</li>
            <li>nok</li>
            <li>anor</li>
        </ol>
    </body>
</html>

```

- form.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>3-Dars from</title>
    <style>
        /* #firstname {
        color: red;
        } */
    </style>
</head>
    <body>
        <form>
            <label for="firstname">First name: </label>
            <input type="text" name="firstname" id="firstname"
required>

            <br>
            <label for="lastname">Last name: </label>
            <input type="text" name="lastname" required>
            <br>

            <label for="email">email: </label>
            <input type="email" name="email" required>
            <br>
            <label for="password">password: </label>
            <input type="password" name="password" required>
            <br>

            <input type="submit" value="Login!">
            <button type="reset">reset</button>

```

```
        </form>
    </body>
</html>
```

- **main.html**

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>My website</title>
    <style>
        /* . classni olmaiz */
        /* # id olmaiz */
        /* .form {
text-align: center;
} */
        #form {
text-align: center;
}
    </style>
</head>
<body>
<form>

    <h1>Say Hello!</h1>
    <label for="name"> Your Name</label>
    <br>
    <!-- <hr> -->
    <input type="text" placeholder="Enter your name" id="name">
    <!-- email -->
    <br>
    <br>
    <label for="email">Email</label>
    <br>
    <input type="email" placeholder="Enter your email address"
id="email">

    <br>
    <br>
    <label for="option1">Needed Services</label>
    <br>
    <select name="ism" id="">
    <option value="xamidullo" disabled>xamidullo 0</option>
    <option value="azizbek">azizbek 10</option>
    <option value="durbek">durbek 20</option>
    <option value="ilyosbek">ilyosbek 10</option>
```

```

</select>

<label for="option2">Selec Budget</label>
<br>
<select name="ism" id="">
    <option value="xamidullo" disabled>xamidullo
0</option>
    <option value="azizbek">azizbek 10</option>
    <option value="durbek">durbek 20</option>
    <option value="ilyosbek">ilyosbek 10</option>
</select>
<br>
<label for="message">Message</label>
<br>
<textarea name="message" id="message" cols="30" rows="10">
</textarea>
<br>
<button type="submit">Submit →</button>
<br><br><br>
<label for="male">male</label>
<br>
<input type="radio" name="jinsi" id="male">
<br>
<label for="female">female</label>
<br>
<input type="radio" name="jinsi" id="female">
<br>
<br>
<label for="checkbox">Darsga qatnashdi</label>
<input type="checkbox" name="checkbox" id="checkbox">
<label for="vol">Range</label>
<input type="range">
<input type="submit" value="send">
<input type="reset" value="reset">
</form>
<script>
    let form = {
        ism: "Durbek",
        email: "test@test.com",
    }
</script>
</body>
</html>

```

- action.html

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-
scale=1.0">
    <title>My website</title>
</head>
<body>
<h1>The form action attribute</h1>

<form action="https://www.w3schools.com/action_page.php" method="Get">
    <label for="fname">First name:</label>
    <input type="text" id="fname" name="fname"><br><br>
    <label for="lname">Last name:</label>
    <input type="text" id="lname" name="lname"><br><br>
    <label for="lname">Last name:</label>
    <input type="text" id="lname" name="lname"><br><br>
    <label for="lname">Last name:</label>
    <input type="text" id="lname" name="lname">                <br><br>
    <label for="lname">Last name:</label>
    <input type="file" id="lname" name="file"><br><br>
    <input type="submit" value="Submit">

</form>

<p>Click the "Submit" button and the form-data will be sent to a page on
the server called "action_page.php".</p>
</body>
</html>
```