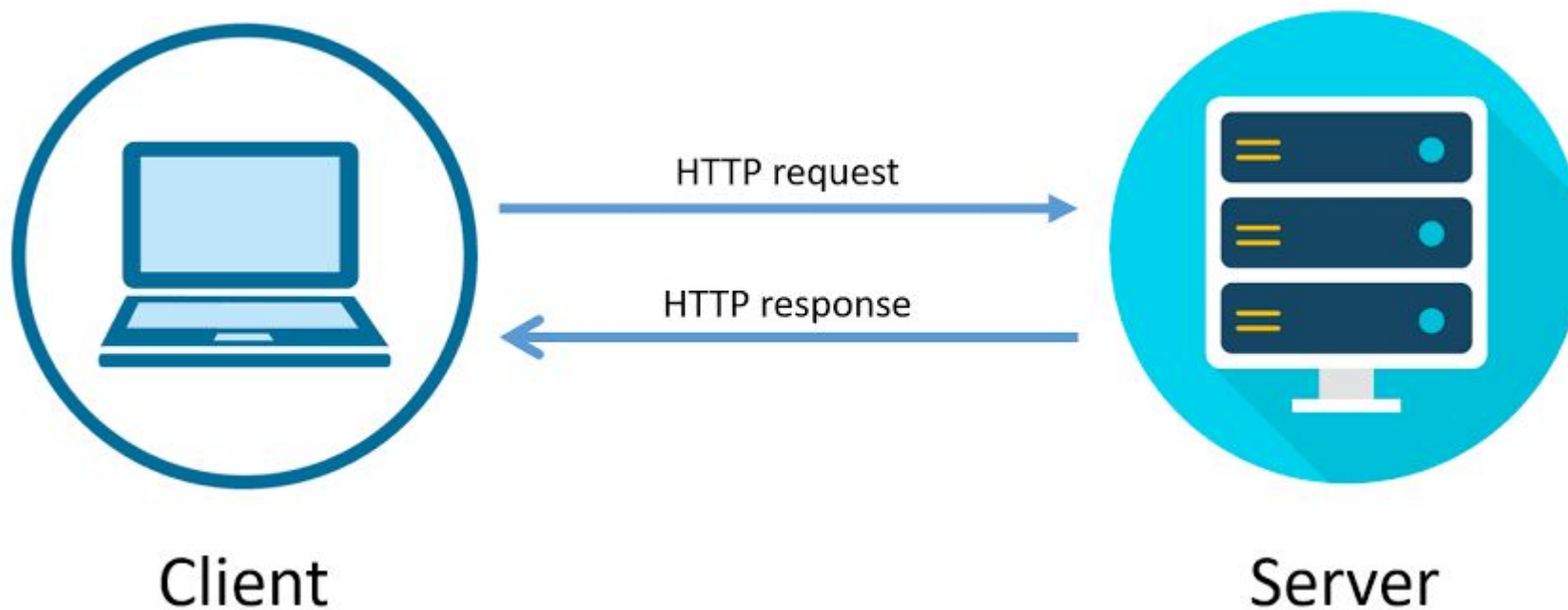


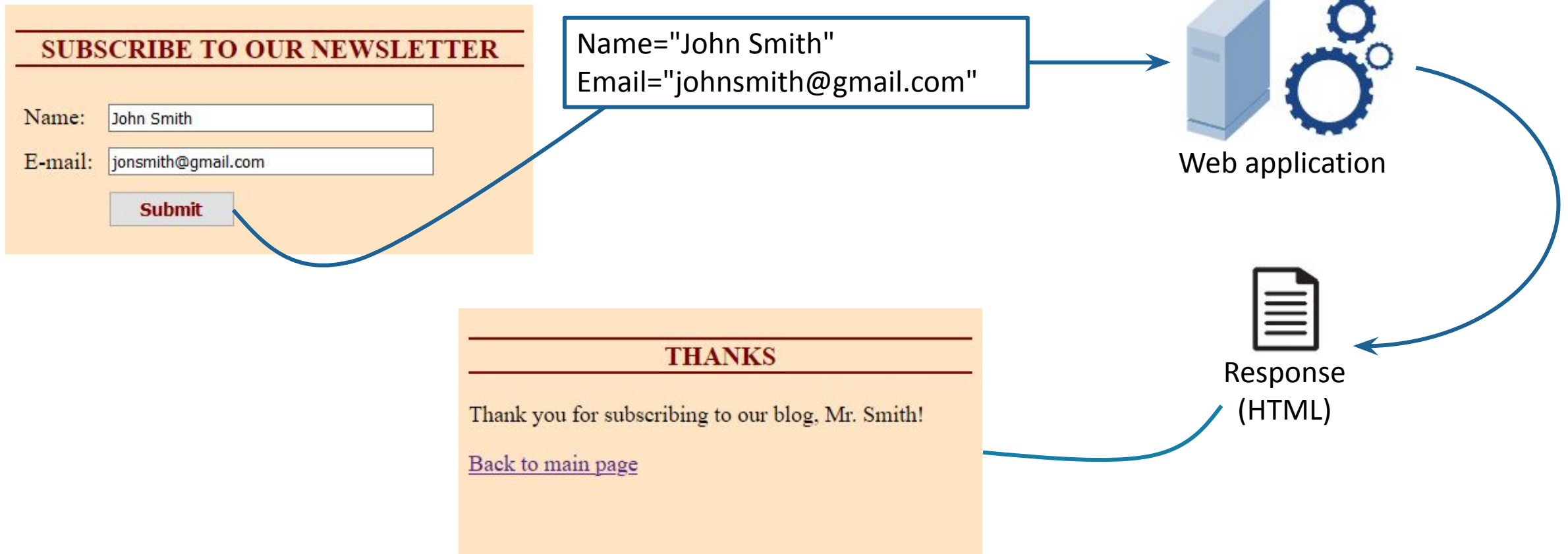
Formular

Forma

Forma – foydalanuvchiga o'z ma'lumotlarini web sahifa orqali serverga jo'natishda (qayta ishlash uchun) imkonini beradi.



Forma va server



form elementi

`<form>...</form>`

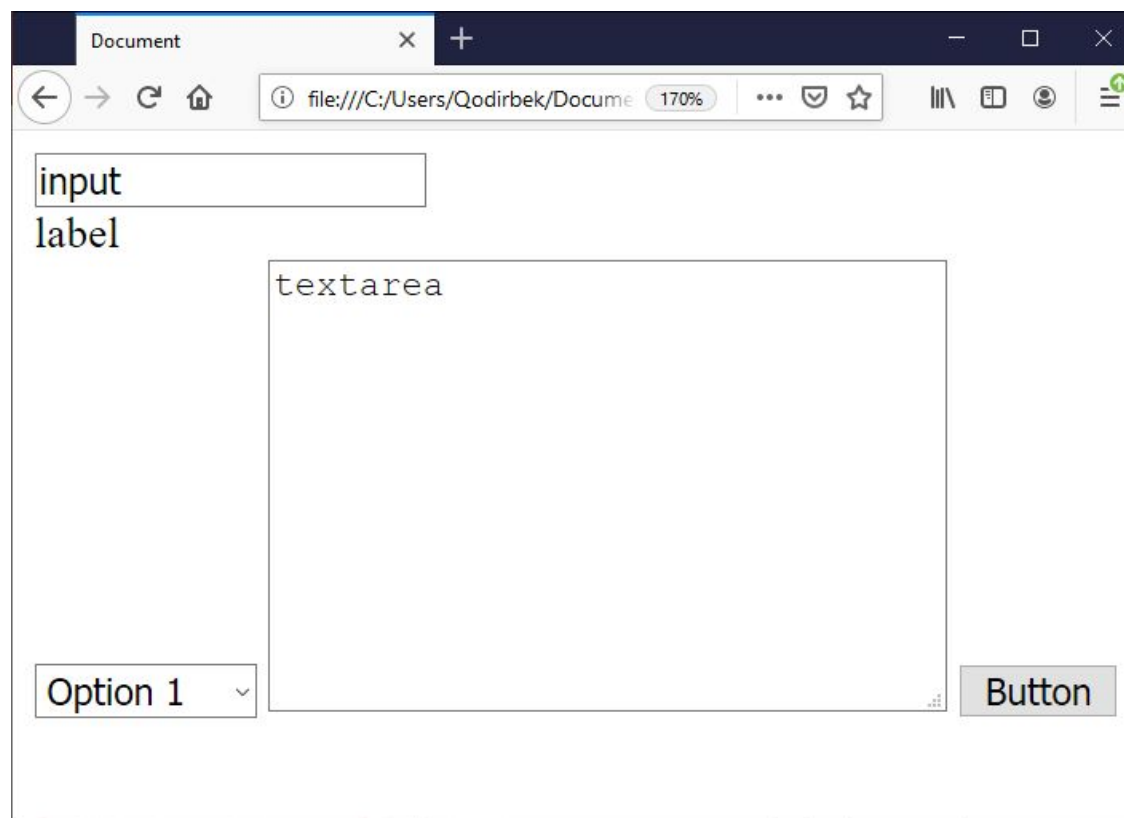
Atributlari:

- `action` – forma ma'lumotlari jo'natiladigan manzil (server manzili)
- `method` – forma ma'lumotlarini jo'natish metodi (GET | POST)
- `accept-charset` – forma ma'lumotlarini serverga jo'natish kodirovkasi
- `autocomplete` – ushbu formaga foydalanuvchi tomonidan oldin kiritilgan ma'lumotlardan avtomatik foydalanish imkoniyati (on | off)
- `novalidate` – forma ma'lumotlarini serverga jo'natishdan oldin validatsiyadan o'tkazmaslik (qiymatsiz atribut)
- `enctype` – forma ma'lumotlarini serverga jo'natishdagi kodlash
(*text/plain* – probellar + belgisiga almashtiriladi |
multipart/form-data hech narsa kodlanmaydi, fayllar jo'natishda ishlatiladi |
application/x-www-form-urlencoded – probellar + belgisiga, maxsus belgilar ASCII HEX qiymatlariga almashtiriladi)

Forma elementlari

Forma quyidagi elementlardan tashkil topishi mumkin:

- `<input>`
- `<label>`
- `<select>`
- `<textarea>`
- `<button>`
- `<fieldset>`
- `<legend>`
- `<datalist>`
- `<option>`
- `<optgroup>`
- `<output>`
- `<progress>`
- `<meter>`



input elementi

input elementi turlari:

- `<input type="button">`
- `<input type="checkbox">`
- `<input type="color">`
- `<input type="date">`
- `<input type="datetime-local">`
- `<input type="email">`
- `<input type="file">`
- `<input type="hidden">`
- `<input type="image">`
- `<input type="month">`
- `<input type="number">`

- `<input type="password">`

Elementlar atributlari

- name – element nomi
- value – element qiymati
- readonly – element faqat o'qish uchun mo'ljallangan
- required – element majburiy
- disabled – element noaktiv
- size – foydalanuvchiga ko'rinadigan belgilar miqdori orqali kenglik (text, search, tel, url, email va password)
- minlength, maxlength – kiritish mumkin bo'lgan minimal va maksimal belgilar miqdori
- min, max – input maydonining minimal va maksimal qiymati (number, range, date, datetime-local, month, time va week)
- multiple – input maydoniga bir nechta qiymat kiritish mumkinligi (email va file)
- pattern – input maydoni qiymatini regulyar ifoda orqali tekshirish (text, date, search, url, tel, email va password)
- placeholder – input maydoni qiymati uchun yordamchi matn (text, search, url, tel, email va password)
- step – input maydonidagi sonli qiymatlar uchun qadamni aniqlash (number, range, date, datetime-local, month, time and week)
- autofocus – sahifa yuklanganda element avtomatik fokusni olishini aniqlash
- list – input elementi qiymatlarini oldindan aniqlangan <datalist> orqali olishni ko'rsatish
- autocomplete – avtomatik to'ldirish uchun yordam (text, search, url, tel, email, password, datepickers, range va color)
- id - identifikator
- class – sinf (stillar uchun)

Matn kiritish elementlari

```
<form action="" method="GET">  
  <input type="text" placeholder="Biror matn kiriting" minlength="4"><br>  
  <input type="email" placeholder="Pochta manzilini kiriting"><br>  
  <input type="password"><br>  
  <input type="search" placeholder="Qidirish"><br>  
  <input type="url" placeholder="URL manzil kiritasiz" size="15"><br>  
  <input type="tel" placeholder="123-45-678" pattern="[0-9]{3}-[0-9]{2}-[0-9]{3}">  
</form>
```

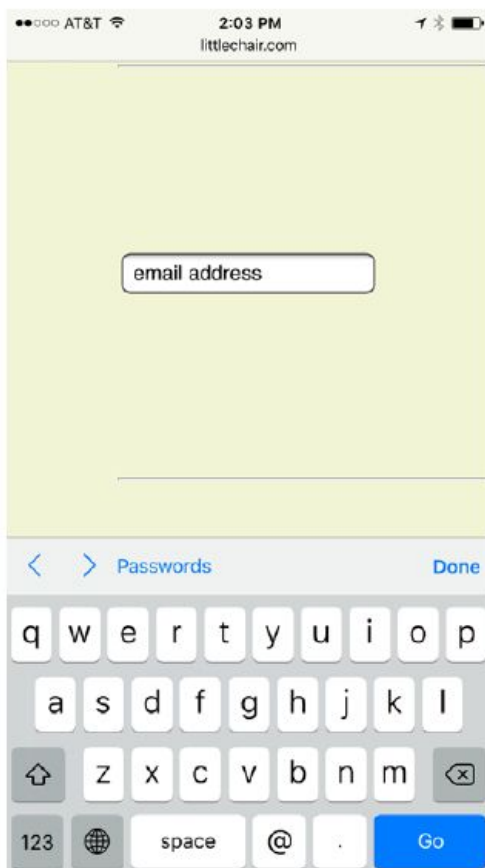
Biror matn kiriting
Pochta manzilini kiriting
Qidirish
123-45-678

ISE
asda@
●●●●●
Qidirish
url manzil
4244

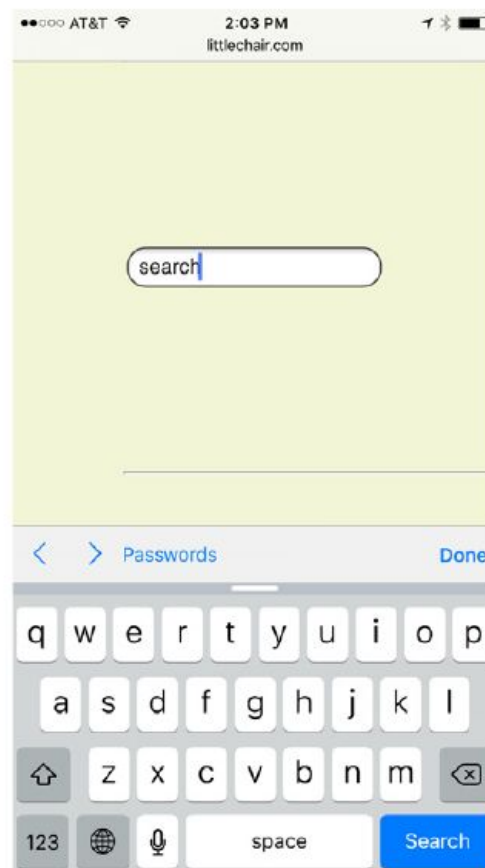
ISE-31
ise31@ytit.uz
●●●●●
Qidirish
http://ytit.uz
266-55-255

Matn kiritish elementlari

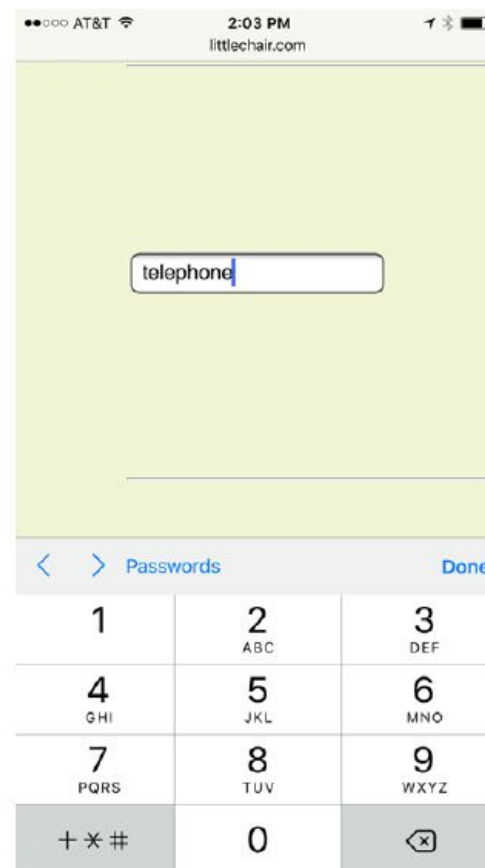
`input type="email"`



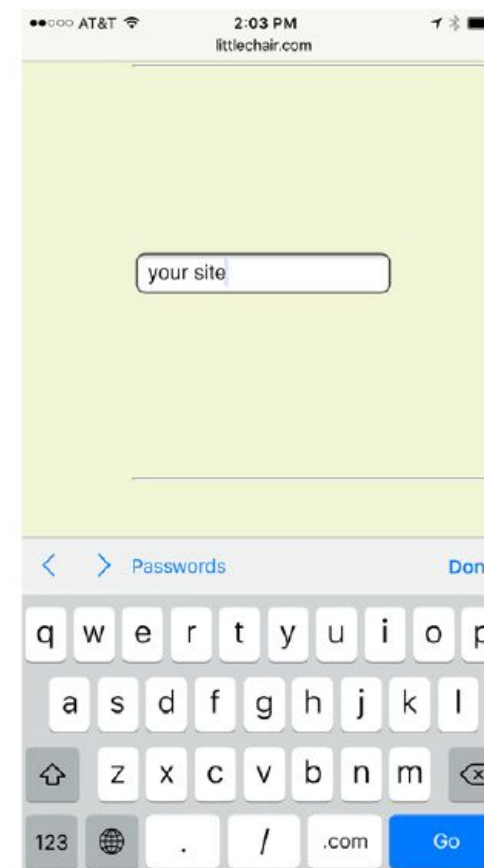
`input type="search"`



`input type="tel"`



`input type="url"`



Matn kiritish elementlari

```
<form action="" method="GET">  
  <input type="text" value="Oldindan kiritilgan matn" disabled><br>  
  <input type="email" placeholder="Pochta manzilini kiriting" required><br>  
  <input type="password"><br>  
  <input type="search" placeholder="Qidirish" minlength="4" required><br>  
  <input type="url" placeholder="URL manzil kiritasiz" size="15"><br>  
  <input type="tel" placeholder="123-45-678" pattern="[0-9]{3}-[0-9]{2}-[0-9]{3}"><br>  
  <input type="submit" value="Jo'natish">  
</form>
```

Oldindan kiritilgan matn

Please fill out this field.

URL manzil kiritasiz:

Jo'natish

Oldindan kiritilgan matn

Please enter an email address.

URL manzil kiritasiz:

Jo'natish

Oldindan kiritilgan matn

Yeo

Please use at least 4 characters (you are currently using 3 characters).

Jo'natish

Oldindan kiritilgan matn

Yeoju

URL manzil kiritasiz:

Please match the requested format.

Tugmalar

`<input type="submit">` - serverga jo'natish
`<input type="reset">` - formani tozalash
`<input type="image">` - rasmlı tugma
`<input type="button">` - ixtiyoriy tugma
`<button></button>` - tugma (qo'shimcha imkoniyatlari mavjud)

```
<input type="submit" value="Jo'natish">  
<input type="reset" value="Tozalash">  
<input type="image" src="workplace.jpg" width="100">  
<input type="button" value="Tekshirish">  
<button><b>Salom</b> <i>olam</i></button>
```

Jo'natish

Tozalash

Tekshirish

Salom *olam*



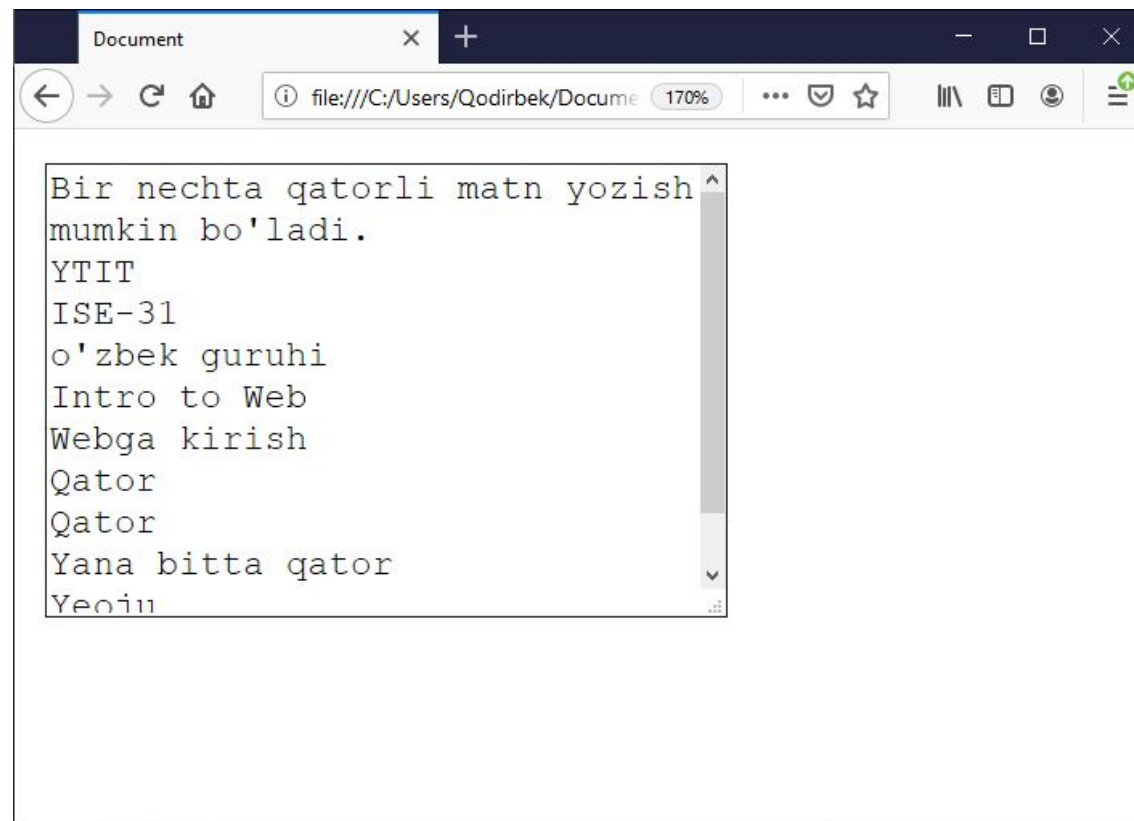
Matn kiritish elementlari

`<textarea>...</textarea>` - ko'p qatorli matn kiritish

Atributlari:

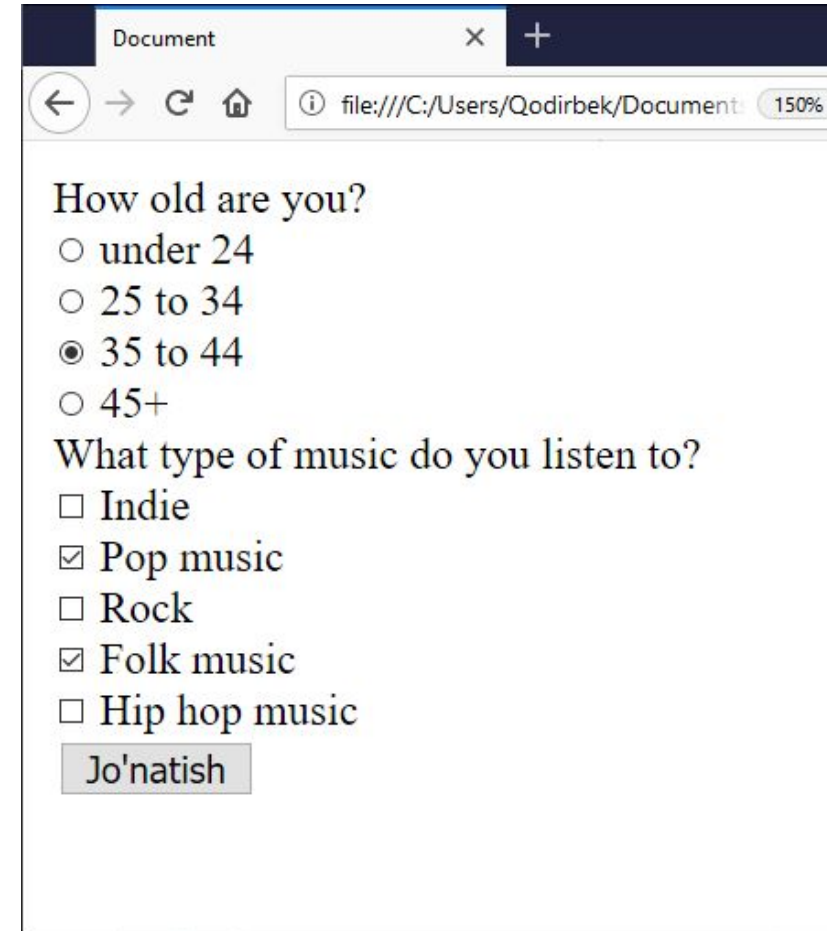
- `cols` – ko'rinadigan soha kengligi
- `rows` – ko'rinadigan soha uzunligi

```
<form action="" method="GET">  
  <textarea name="" id="" cols="30" rows="10"></textarea>  
</form>
```



radio va checkbox elementlari

```
<form action="" method="GET">
  How old are you?<br>
  <input type="radio" name="age" value="under24" checked> under 24 <br>
  <input type="radio" name="age" value="25-34"> 25 to 34 <br>
  <input type="radio" name="age" value="35-44"> 35 to 44 <br>
  <input type="radio" name="age" value="over45"> 45+ <br>
  What type of music do you listen to?<br>
  <input type="checkbox" name="genre" value="indie"> Indie <br>
  <input type="checkbox" name="genre" value="pop" checked> Pop music <br>
  <input type="checkbox" name="genre" value="rock"> Rock <br>
  <input type="checkbox" name="genre" value="folk" checked> Folk music <br>
  <input type="checkbox" name="genre" value="hiphop"> Hip hop music <br>
  <input type="submit" value="Jo'natish">
</form>
```



Vizual guruhlash va nomlash

```
<fieldset>
```

```
  <legend> How old are you?</legend>
```

```
  <input type="radio" name="age" value="under24" checked> under 24 <br>
```

```
  <input type="radio" name="age" value="25-34"> 25 to 34 <br>
```

```
  <input type="radio" name="age" value="35-44"> 35 to 44 <br>
```

```
  <input type="radio" name="age" value="over45"> 45+ <br>
```

```
</fieldset><br>
```

```
<fieldset>
```

```
  What type of music do you listen to?<br>
```

```
  <input type="checkbox" name="genre" value="indie"> Indie <br>
```

```
  <input type="checkbox" name="genre" value="pop" checked> Pop music <br>
```

```
  <input type="checkbox" name="genre" value="rock"> Rock <br>
```

```
  <input type="checkbox" name="genre" value="folk" checked> Folk music <br>
```

```
  <input type="checkbox" name="genre" value="hiphop"> Hip hop music <br>
```

```
</fieldset>
```

Document

file:///C:/Users/Qodirbek/Document:

How old are you?

under 24

25 to 34

35 to 44

45+

What type of music do you listen to?

Indie

Pop music

Rock

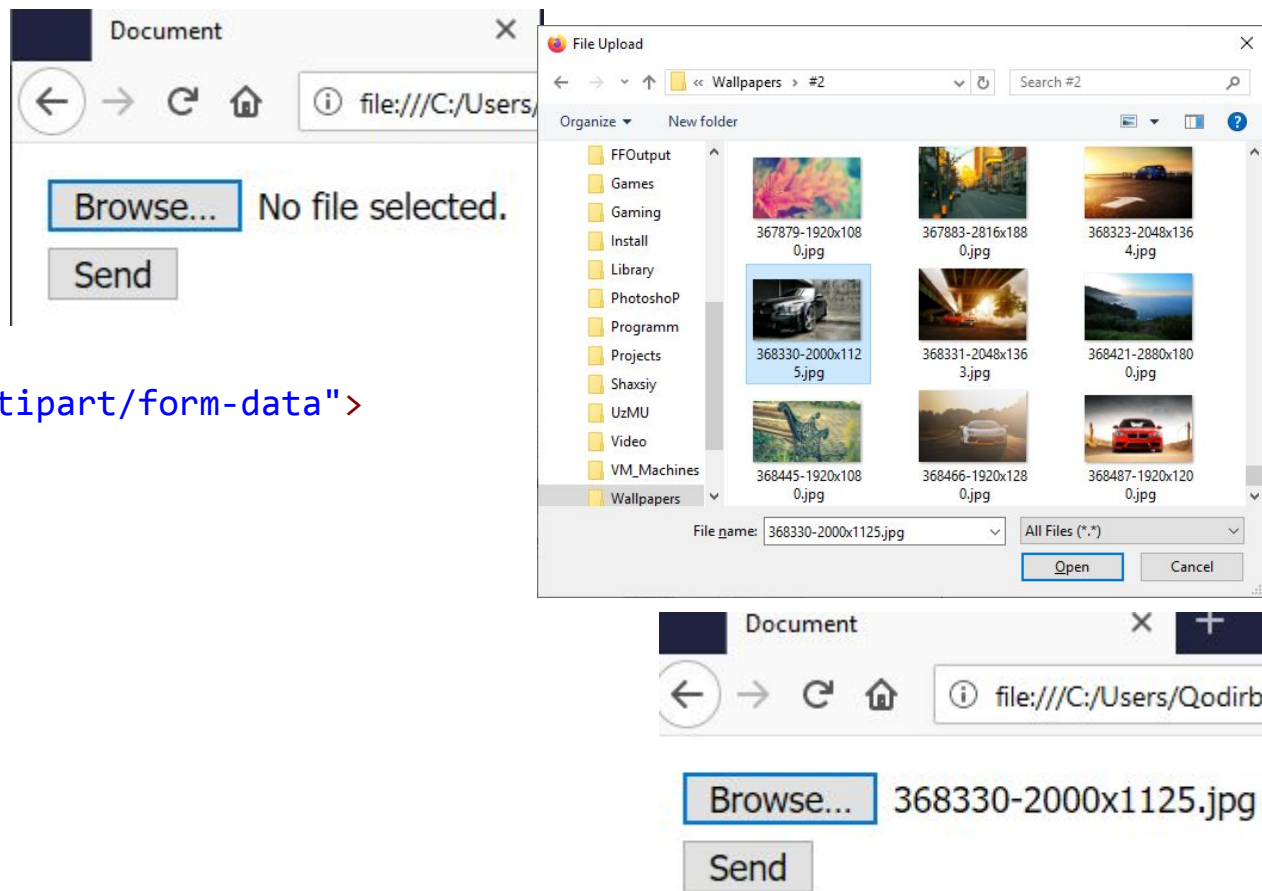
Folk music

Hip hop music

Jo'natish

Fayl tanlash

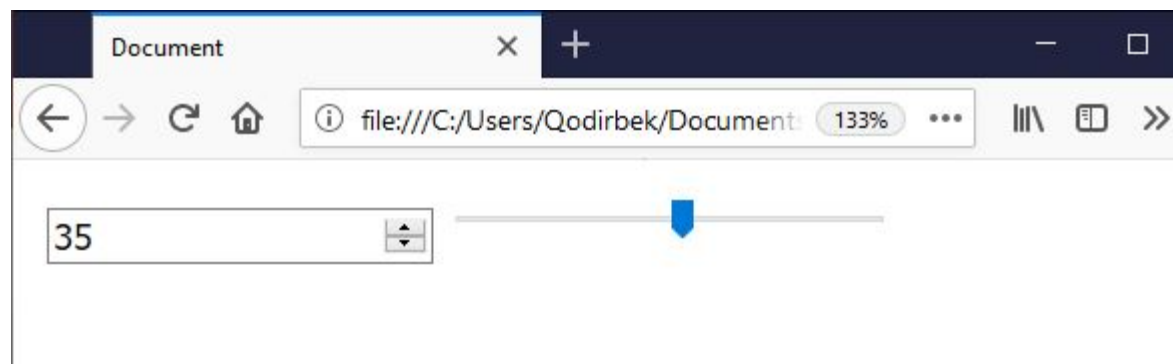
```
<form action="" method="GET" enctype="multipart/form-data">  
  <input type="file" name="photo"><br>  
  <input type="submit" value="Send">  
</form>
```



Raqamli elementlar

```
<input type="number" min="10" max="100" step="5">
```

```
<input type="range" min="10" max="100">
```



Sana va vaqtli elementlar






`<input type="date">` - sana elementi

`<input type="time">` - vaqt elementi

`<input type="datetime-local">` sana/vaqt elementi

`<input type="month">` - oyni tanlash elementi

`<input type="week">` - haftani tanlash elementi

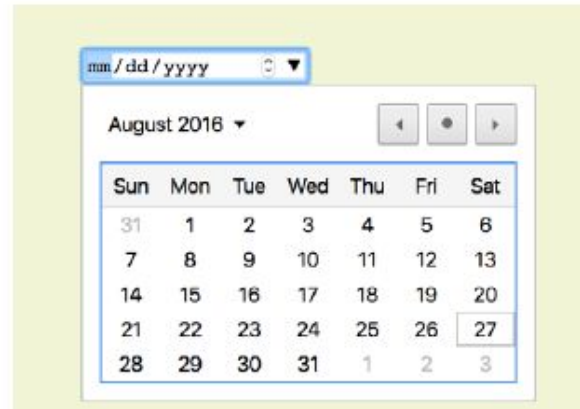
Atribut					
<code>type="date"</code>	20.0	12.0	57.0	-	10.1
<code>type="time"</code>	20.0	12.0	57.0	-	10.1
<code>type="datetime-local"</code>	20.0	13.0	-	-	10.1
<code>type="month"</code>	25.0	12.0	-	-	10.1
<code>type="week"</code>	25.0	12.0	-	-	10.1

Sana va vaqtli elementlar

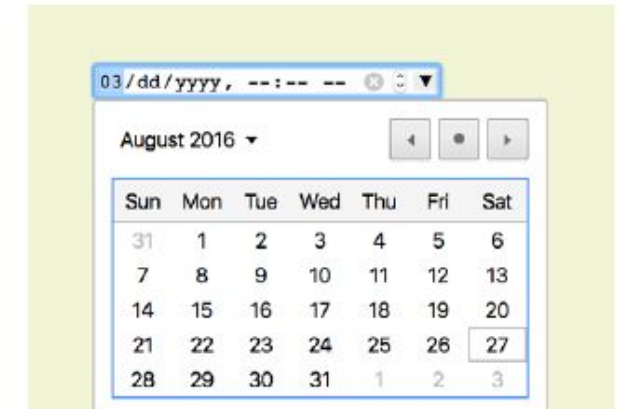
input type="time"



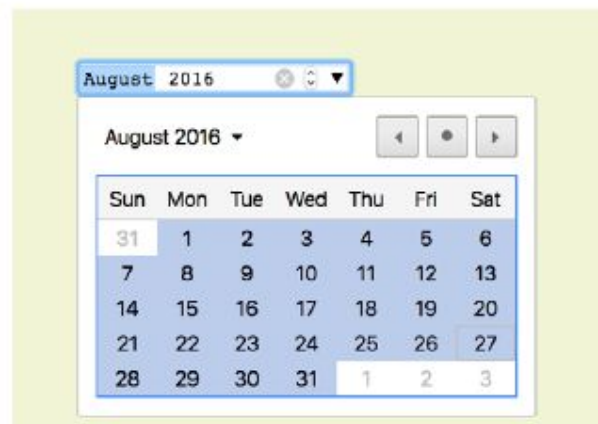
input type="date"



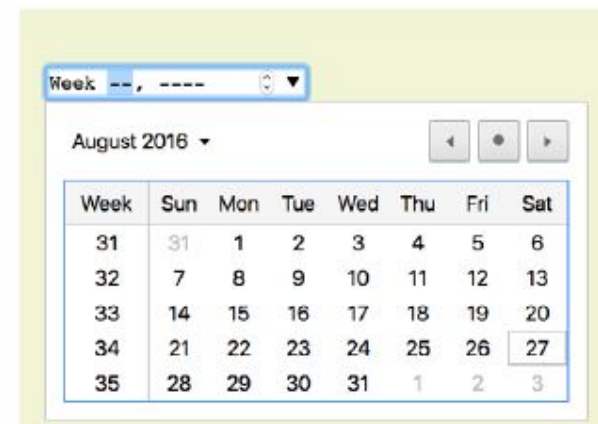
input type="datetime-local"



input type="month"



input type="week"



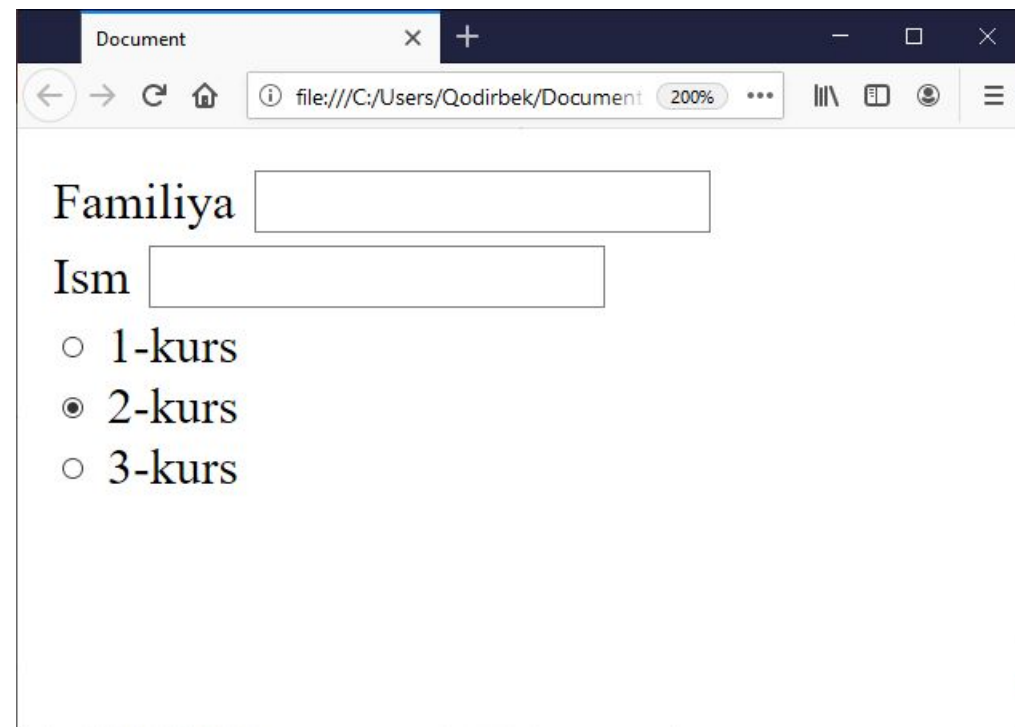
Yashirin element

Ushbu element foydalanuvchi uchun ko'rinmaydi.

```
<input type="hidden" name="code" value="01100101">
```

label elementi

```
<form action="" method="GET">
  <label for="familiya">Familiya</label>
  <input type="text" name="familiya" id="familiya"><br>
  <label for="familiya">Ism</label>
  <input type="text" name="ism" id="ism"><br>
  <input type="radio" value="1" id="kurs1" name="kurs">
  <label for="kurs1">1-kurs</label><br>
  <input type="radio" value="2" id="kurs2" name="kurs">
  <label for="kurs2">2-kurs</label><br>
  <input type="radio" value="3" id="kurs3" name="kurs">
  <label for="kurs3">3-kurs</label><br>
</form>
```



select, option va optgroup

select – ochiladigan (dropdown) ro'yxat yaratish

- autofocus – avtomatik focus olish
- disabled – aktiv bo'lmagan ro'yxat
- multiple – ro'yxatda bir nechta element tanlash imkoniyati
- required – majburiy bo'lgan element
- size – ro'yxatdagi ko'rinib turuvchi elementlar miqdori

option – ro'yxatning har bir elementini aniqlash

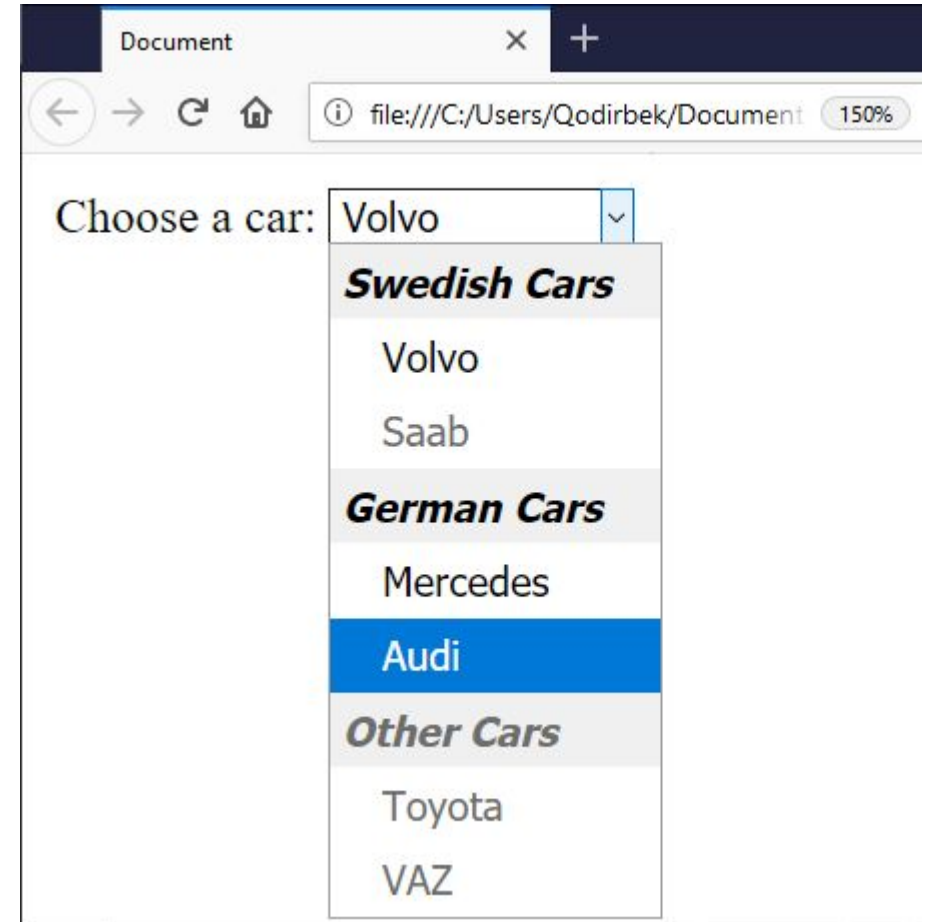
- disabled – aktiv bo'lmagan ro'yxat elementi
- selected – tanlangan ro'yxat elementi
- value – ro'yxat elementi qiymati

optgroup – ro'yxat elementlarini mantiqiy (vizual) guruhlash

- disabled – aktiv bo'lmagan ro'yxat elementi

select, option va optgroup

```
<form action="" method="GET">
  <label for="cars">Choose a car:</label>
  <select name="cars" id="cars">
    <optgroup label="Swedish Cars">
      <option value="volvo">Volvo</option>
      <option value="saab" disabled>Saab</option>
    </optgroup>
    <optgroup label="German Cars">
      <option value="mercedes">Mercedes</option>
      <option value="audi">Audi</option>
    </optgroup>
    <optgroup label="Other Cars" disabled>
      <option value="toyota">Toyota</option>
      <option value="vaz">VAZ</option>
    </optgroup>
  </select>
</form>
```

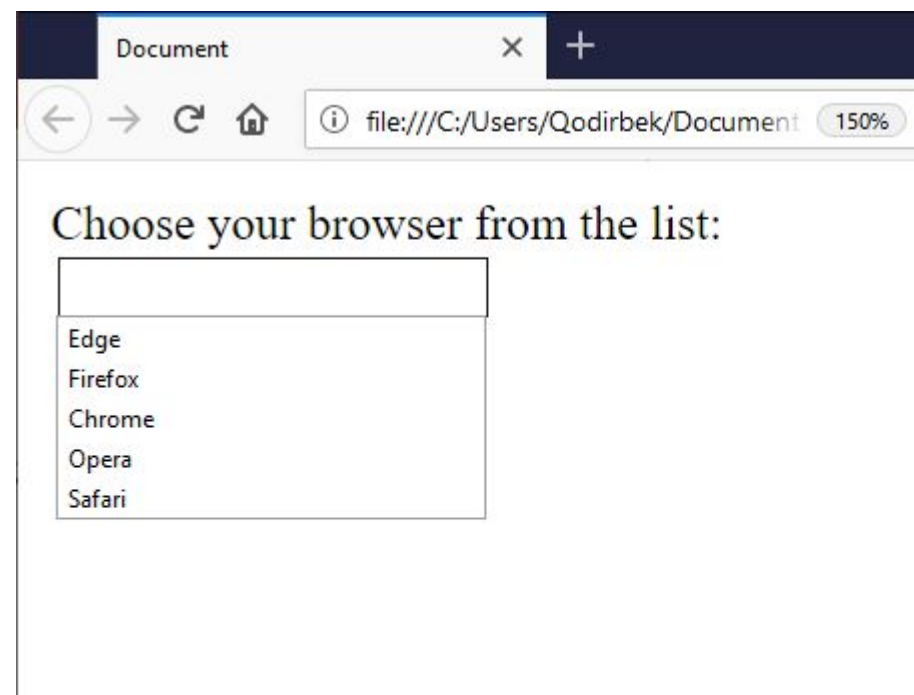


datalist elementi

datalist – input elementi uchun oldindan aniqlangan qiymatlar ro'yxati.

```
<label for="browser">Choose your browser from the list:</label>  
<input list="browsers" name="browser" id="browser">
```

```
<datalist id="browsers">  
  <option value="Edge">  
  <option value="Firefox">  
  <option value="Chrome">  
  <option value="Opera">  
  <option value="Safari">  
</datalist>
```



progress va meter elementlari

progress – biror jarayonning bajarilish indikatori

- max – jarayon bajarilishi uchun zarur bo'lgan umumiy ish (topshiriq) hajmi
- value – tugallangan topshiriqlar

meter – oldindan aniq bo'lgan diapazondagi skalyar o'lchov yoki kasr qiymat (datchik)

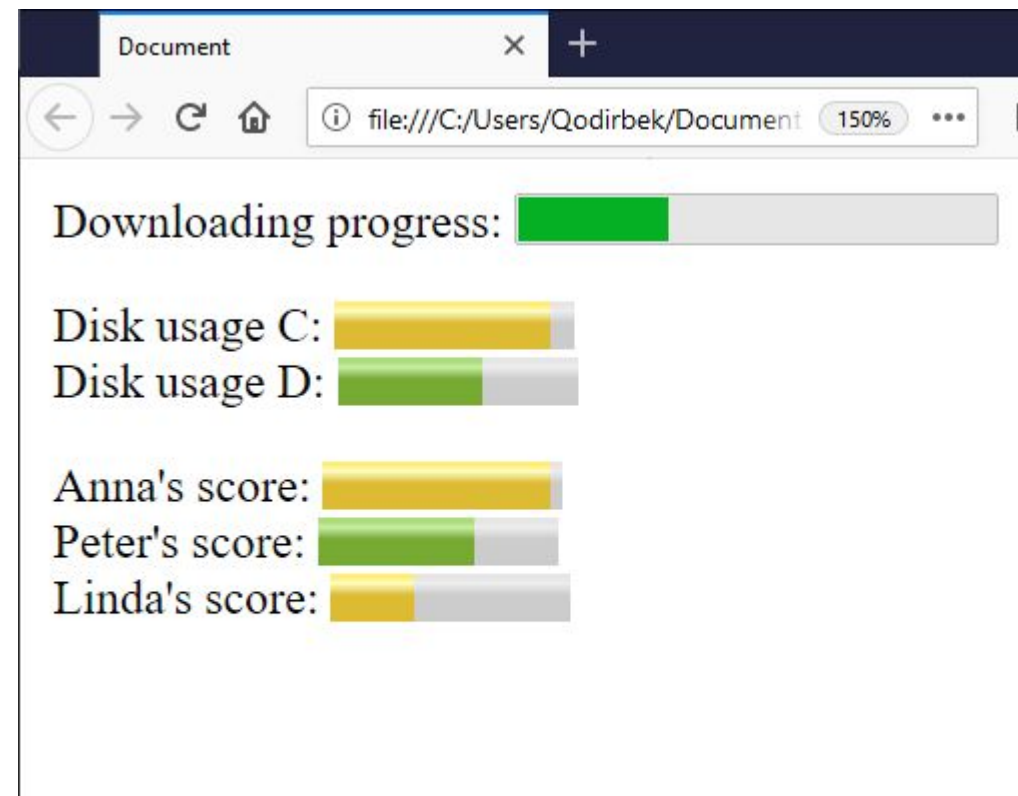
- min – minimum qiymat
- max – maksimum qiymat
- low – past qiymat chegarasi
- high – yuqori qiymat chegarasi
- optimum – optimal qiymat
- value – joriy qiymat

progress va meter elementlari

```
<label for="file">Downloading progress:</label>
<progress id="file" value="32" max="100"> 32% </progress>

<p> <label for="disk_c">Disk usage C:</label>
  <meter id="disk_c" value="0.9" high="0.8">90%</meter><br>
  <label for="disk_d">Disk usage D:</label>
  <meter id="disk_d" value="0.6">60%</meter></p>

<p><label for="anna">Anna's score:</label>
  <meter id="anna" min="0" low="40" high="90"
    max="100" value="95"></meter><br>
  <label for="peter">Peter's score:</label>
  <meter id="peter" min="0" low="40" high="90"
    max="100" value="65"></meter><br>
  <label for="linda">Linda's score:</label>
  <meter id="linda" min="0" low="40" high="90"
    max="100" value="35"></meter></p>
```



Savollar?
