

## **HTML asosiy tuzilmasi va elementlari bilan ishlash**

### **1. HTML haqida umumiy tushuncha**

HTML (**HyperText Markup Language**) — bu veb-sahifalarni yaratishda qo'llaniladigan asosiy belgilash tilidir. U dasturlash tili emas, balki matnni maxsus

teglar yordamida belgilash orqali brauzerga ma'lumotni qanday ko'rsatish

kerakligini tushuntiradi. HTML dastlab **1991-yilda Tim Berners-Lee** tomonidan

ishlab chiqilgan bo'lib, hozirda **HTML5** eng so'nggi standart sifatida qo'llanilmoqda. HTML yordamida:

matn, rasm, jadval, ro'yxat, havolalar kiritiladi;

foydalanuvchidan ma'lumot olish uchun formalar tuziladi;

tashqi fayllar (CSS, JS, multimedia) ulab qo'yiladi.

Shunday qilib, HTML — bu har bir veb-sahifaning asosiy skeletidir.

### **2. HTML hujjatining umumiy tuzilmasi**

HTML hujjati quyidagi asosiy qismlardan iborat bo'ladi:

```
<!DOCTYPE html>
<html lang="uz">
<head>
<meta charset="UTF-8">
<title>Mening birinchi sahifam</title>
</head>
<body>
<h1>Salom, HTML!</h1>
<p>Bu mening birinchi veb-sahifam.</p>
</body>
</html>
```

#### **Asosiy elementlar:**

1. **<!DOCTYPE html>** – brauzerga hujjat HTML5 formatida yozilganini bildiradi.

2. **<html>...</html>** – barcha HTML kodini o'z ichiga oladi.

o

lang="uz" atributi hujjat tilini bildiradi.

3. **<head>...</head>** – texnik ma'lumotlarni o'z ichiga oladi:

o

<meta charset="UTF-8"> – kodlash turi (UTF-8 o'zbekcha harflarni

ham ko'rsatadi).

o

<title> – brauzer oynasida chiqadigan sarlavha.

o

<link> va <script> – CSS va JS fayllarini ulash.

4. **<body>...</body>** – foydalanuvchi ko'radigan asosiy kontent (matn, rasm,

tugmalar va h.k.).**3. HTML elementlari va ularning turlari**

HTML elementlari teglar orqali belgilanadi. Ularning ayrimlari juft

(<p>...</p>),

ayrimlari esa yopilmaydigan (<br>, <img>) ko'rinishda bo'ladi.

### **3.1. Matn elementlari**

**Sarlavhalar:** <h1> dan <h6> gacha, turli darajadagi sarlavhalarni belgilaydi.

**Paragraf:** <p> – matn bo'lagi yozish.

#### **Matn shakllari:**

o

<b>, <strong> – qalin matn.

o

<i>, <em> – qiya matn.

o

<u> – tagiga chizilgan matn.

o

<mark> – belgilanib ko'rsatilgan matn.

**Qator almashtirish:** <br>

### **3.2. Ro'yxatlar**

#### **Tartibli ro'yxat (raqamli):**

<ol>

<li>Birinchi element</li>

<li>Ikkinchi element</li>

</ol>

#### **Tartibsiz ro'yxat (belgili):**

<ul>

<li>Birinchi element</li>

```
<li>Ikkinchi element</li>
</ul>
```

### 3.3. Havolalar va multimedia

#### Havola (link):

```
<a href="https://www.google.com">Google saytiga o'tish</a>
```

#### Rasm qo'shish:

```

```

#### Video qo'shish:

```
<video controls>
<source src="video.mp4" type="video/mp4">
</video>
```

### 3.4. Jadval elementlari

```
<table border="1">
<tr>
<th>Ism</th>
<th>Familiya</th>
</tr>
<tr>
<td>Ali</td>
<td>Valiyev</td>
</tr>
</table>
```

<table> – jadvalni boshlash.

<tr> – satr (row).

<th> – ustun sarlavhasi (qalin).

<td> – oddiy katak.

### 3.5. Form elementlari

Foydalanuvchidan ma'lumot olish uchun:

```
<form>
Ismingiz: <input type="text"><br>
Parol: <input type="password"><br>
<input type="submit" value="Yuborish">
</form>
```

<input> – kiritish maydoni (text, password, checkbox, radio).

<textarea> – ko'p qatorli matn maydoni.

<select> va <option> – tanlov ro'yxati.

#### **4. HTML elementlarining asosiy atributlari**

Har bir elementda qo'shimcha **atributlar** bo'lishi mumkin:

id – noyob identifikator.

class – bir xil elementlarni guruhlash uchun.

style – ichki dizayn berish.

src – rasm, audio yoki video manzili.

href – havola manzili.

alt – rasm chiqmasa ko'rsatiladigan matn.

#### **5. HTMLning afzalliklari va qo'llanilishi**

Oddiy va tushunarli sintaksisga ega.

Hamma brauzerlar qo'llab-quvvatlaydi.

CSS va JavaScript bilan birga ishlaganda **zamonaviy, dinamik va interaktiv veb-sahifalar** yaratish imkonini beradi.

Veb-illovalar, mobil illovalar va hatto oflayn hujjatlar tayyorlashda ishlatiladi.

**TOPSHIRIQ:** Kitob do'koni "sayti yaratish.

```
otamuratova otamuratova.html 7 X
C:\> Kitob do'kon > otamuratova.html > html > head > style
1
2 <!DOCTYPE html>
3 <html lang="uz">
Source Control (Ctrl+Shift+G)
5 <meta charset="UTF-8" />
6 <meta name="viewport" content="width=device-width, initial-scale=1" />
7 <title>Kitob Do'kon</title>
8 <style>
9
10 body {
11     margin: 0;
12     font-family: 'Segoe UI', Tahoma, Geneva, Verdana, sans-serif;
13     background: url('https://images.unsplash.com/photo-1512820790803-83ca734da794?auto=format&fit=crop&w=1470&q=80') no-repeat center center fixed;
14     background-size: cover;
15     color: #333;
16 }
17
18 .overlay {
19     background-color: rgba(255, 255, 255, 0.9);
20     min-height: 100vh;
21     padding: 20px;
22 }
23
24 header {
25     background-color: #3f51b5;
26     padding: 20px;
27     text-align: center;
28     color: white;
29     border-radius: 10px;
30     box-shadow: 0 3px 10px rgba(0,0,0,0.3);
31     margin-bottom: 30px;
32 }
33
34 header h1 {
35     margin: 0;
36     font-size: 2.8rem;
37     letter-spacing: 2px;
38 }
39
40 nav ul {
41     list-style: none;
42     padding: 0;
43     margin-top: 15px;
44     display: flex;
45     justify-content: center;
46     gap: 30px;
47 }
```

```
otamuratova  otamuratova.html 7 x
C: > Kitob do'kon > otamuratova.html > html > head > style
3  <html lang="uz">
4  <head>
8  <style>
49      nav ul li a {
50          text-decoration: none;
51          color: white;
52          font-weight: bold;
53          font-size: 1.1rem;
54          transition: color 0.3s;
55      }
56
57      nav ul li a:hover {
58          color: #c5cae9;
59      }
60
61      section {
62          max-width: 1000px;
63          margin: 0 auto 50px auto;
64          background-color: white;
65          border-radius: 12px;
66          padding: 30px 40px;
67          box-shadow: 0 5px 15px rgba(0,0,0,0.1);
68      }
69
70      section h2 {
71          text-align: center;
72          color: #3f51b5;
73          margin-bottom: 25px;
74          font-size: 2.4rem;
75          letter-spacing: 1.5px;
76      }
77
78      section p {
79          line-height: 1.6;
80          font-size: 1.1rem;
81          color: #555;
82          text-align: center;
83      }
84
85      /* Mahsulotlar grid */
86      #products .grid {
87          display: flex;
88          justify-content: center;
89          gap: 25px;
90          flex-wrap: wrap;
91          margin-top: 30px;
92      }
93
```

```
otamuratova  otamuratova.html 7 X
C: > Kitob do'kon > otamuratova.html > html > head > style
3  <html lang="uz">
4  <head>
8  <style>
94  .product-card {
95      background-color: #f0f0f0;
96      border-radius: 10px;
97      box-shadow: 0 4px 8px rgba(63,81,181,0.2);
98      padding: 20px;
99      width: 280px;
100     transition: transform 0.3s ease;
101     cursor: default;
102 }
103
104 .product-card:hover {
105     transform: translateY(-10px);
106     box-shadow: 0 8px 16px rgba(63,81,181,0.4);
107 }
108
109 .product-card img {
110     max-width: 100%;
111     border-radius: 8px;
112     height: 180px;
113     object-fit: cover;
114 }
115
116 .product-card h3 {
117     margin-top: 15px;
118     color: #3f51b5;
119     font-size: 1.3rem;
120 }
121
122 .product-card p {
123     color: #444;
124     font-size: 1rem;
125     margin-top: 8px;
126 }
127
128 /* Aloqa formasi */
129 form {
130     max-width: 600px;
131     margin: 0 auto;
132     display: flex;
133     flex-direction: column;
134     gap: 15px;
135 }
136
137 label {
138     font-weight: 600;
```

```
otamuratova  otamuratova.html 7 x
C: > Kitob do'kon > otamuratova.html > html > head > style
3  <html lang="uz">
4  <head>
8  <style>
136
137  label {
138      font-weight: 600;
139      font-size: 1.1rem;
140      color: #3f51b5;
141  }
142
143  input[type="text"],
144  input[type="email"],
145  textarea {
146      padding: 12px;
147      font-size: 1rem;
148      border: 2px solid #3f51b5;
149      border-radius: 6px;
150      resize: vertical;
151      transition: border-color 0.3s;
152  }
153
154  input[type="text"]:focus,
155  input[type="email"]:focus,
156  textarea:focus {
157      border-color: #7986cb;
158      outline: none;
159  }
160  button {
161      background-color: #3f51b5;
162      border: none;
163      padding: 15px;
164      color: white;
165      font-size: 1.2rem;
166      border-radius: 8px;
167      cursor: pointer;
168      transition: background-color 0.3s;
169  }
170
171  button:hover {
172      background-color: #303f9f;
173  }
174
175  footer {
176      background-color: #3f51b5;
177      color: white;
178      text-align: center;
179      padding: 18px 0;
180      font-size: 1rem;
```

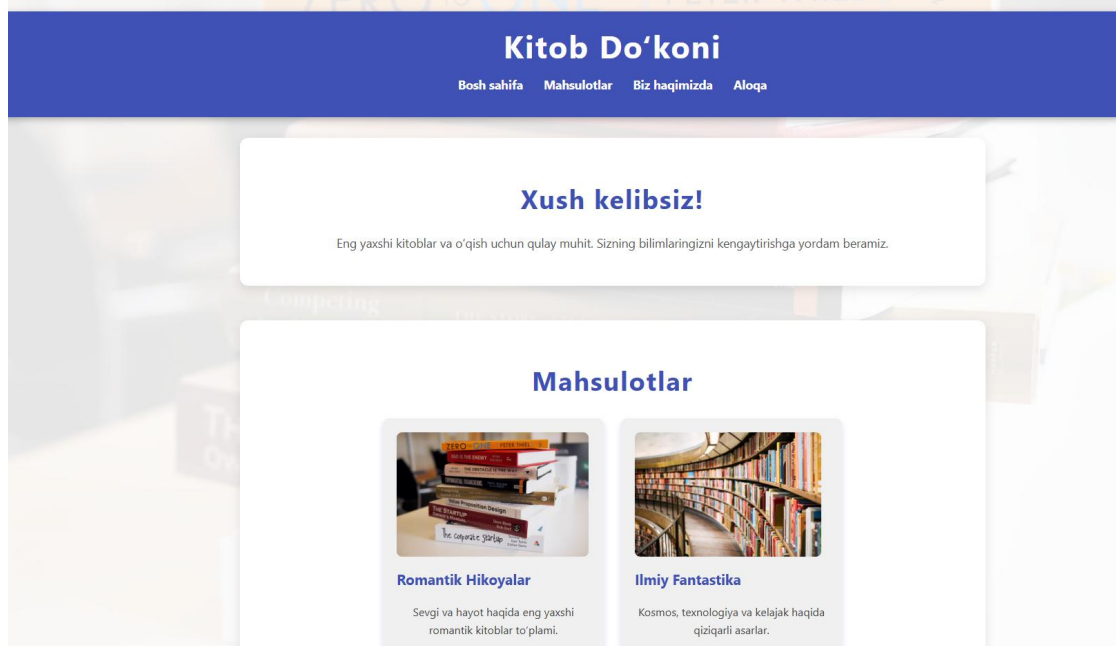


```

E otamuratova  otamuratova.html 7
C: > Kitob do'kon > otamuratova.html > html > head > style
3  <html lang="uz">
4  <head>
8    <style>
175      footer {
183      }
184
185      @media (max-width: 720px) {
186        #products .grid {
187          flex-direction: column;
188          align-items: center;
189        }
190
191        nav ul {
192          flex-direction: column;
193          gap: 10px;
194        }
195      }
196    </style>
197  </head>
198  <body>
199    <div class="overlay">
200      <header>
201        <h1>Kitob Do'kon</h1>
202        <nav>
203          <ul>
204            <li><a href="#home">Bosh sahifa</a></li>
205            <li><a href="#products">Mahsulotlar</a></li>
206            <li><a href="#about">Biz haqimizda</a></li>
207            <li><a href="#contact">Aloqa</a></li>
208          </ul>
209        </nav>
210      </header>
211
212      <section id="home">
213        <h2>Xush kelibsiz!</h2>
214        <p>Eng yaxshi kitoblar va o'qish uchun qulay muhit. Sizning bilimlaringizni kengaytirishga yordam beramiz.</p>
215      </section>
216
217      <section id="products">
218        <h2>Mahsulotlar</h2>
219        <div class="grid">
220          <div class="product-card">
221            
222            <h3>Romantik Hikoyalar</h3>
223            <p>Sevgi va hayot haqida eng yaxshi romantik kitoblar to'plami.</p>
224            <h4>Kitoblar ro'yxati:</h4>
225            <ul>
226              <li>"Ishqqa oid 40 goida" - Elif Shafaq</li>
227
228
229
230            </ul>
231          </div>
232
233          <div class="product-card">
234            
235            <h3>Ilmiy Fantastika</h3>
236            <p>Kosmos, texnologiya va kelajak haqida gizli asarlar.</p>
237            <h4>Kitoblar ro'yxati:</h4>
238            <ul>
239              <li>"Yulduzlar Ortida" - Sherzod Qodirov</li>
240              <li>"Kelajak Sayohati" - Anvarbek Rasulov</li>
241              <li>"Robotlarning Siri" - Gulnora Davronova</li>
242            </ul>
243          </div>
244
245          <div class="product-card">
246            
247            <h3>Tarixiy Romanlar</h3>
248            <p>O'tgan asrlar va qahramonlar haqida tarixiy hikoyalar.</p>
249            <h4>Kitoblar ro'yxati:</h4>
250            <ul>
251              <li>"Ikki eshik erasi" - O'tkir Hoshimov</li>
252              <li>"Dunyoning ishlari" - O'tkir Hoshimov</li>
253              <li>"O'tgan kunlar" - Abdulla Qodiriy</li>
254            </ul>
255          </div>
256        </div>
257      </section>
258
259      <section id="about">
260        <h2>Biz haqimizda</h2>
261        <p>Bizning kitob do'konimiz 15 yildan beri faoliyat yuritadi va o'quvchilarga sifatli kitoblar taklif etadi. Har bir kitob sevvachilar uchun ajoyib tanlov!</p>
262      </section>
263
264      <section id="contact">
265        <h2>Aloqa</h2>
266        <form id="contact-form">
267          <label for="name">Ismingiz:</label>
268          <input type="text" id="name" name="name" placeholder="Ismingizni Kiriting" required />
269
270          <label for="email">Email manzilingiz:</label>
271          <input type="text" id="email" name="email" placeholder="Email manzilingizni Kiriting" required />
272        </form>
273      </section>
274    </div>
275  </body>
276  </html>

```

```
otamuratova otamuratova.html 7
C: > Kitob do'kon > otamuratova.html > html > head > style
3 <html lang="uz">
198 <body>
199 <div class="overlay">
217 <section id="products">
219 <div class="grid">
247 <ul>
248 <li>"Ikki eshik orasi" - O'tkir Hoshimov</li>
249 <li>"Dunyoning ishlari" - O'tkir Hoshimov</li>
250 <li>"O'tgan kunlar" - Abdulla Qodiriy</li>
251 </ul>
252 </div>
253 </section>
254
255 <section id="about">
256 <h2>Biz haqimizda</h2>
257 <p>Bizning kitob do'konimiz 15 yildan beri faoliyat yuritadi va o'quvchilarga sifatli kitoblar taklif etadi. Har bir kitob sevuvchilar uchun ajoyib tanlov!</p>
258 </section>
259
260 <section id="contact">
261 <h2>Aloqa</h2>
262 <form id="contact-form">
263 <label for="name">Ismingiz:</label>
264 <input type="text" id="name" name="name" placeholder="Ismingizni kiriting" required />
265
266 <label for="email">Email manzilingiz:</label>
267 <input type="email" id="email" name="email" placeholder="Emailingizni kiriting" required />
268
269 <label for="message">Xabar:</label>
270 <textarea id="message" name="message" rows="5" placeholder="Xabaringizni yozing" required></textarea>
271
272 <button type="submit">Yuborish</button>
273 </form>
274 </section>
275
276 <footer>
277 &copy; 2025 Kitob Do'koni. Barcha huquqlar himoyalangan.
278 </footer>
279 </div>
280 <script>
281
282 document.getElementById('contact-form').addEventListener('submit', function(e){
283 e.preventDefault();
284 const name = document.getElementById('name').value;
285 alert(Rahmat, ${name}! Sizning xabaringiz qabul qilindi.);
286 this.reset();
287 });
288 </script>
289 </body>
290 </html>
```



### Romantik Hikoyalar

Sevgi va hayot haqida eng yaxshi romantik kitoblar to'plami.

#### Kitoblar ro'yxati:

- "Ishqqa oid 40 qoida" — Elif Shafaq
- "Ba'zilar olisdan sevarlar " — Halis Karabenli
- "Sen bir olam men bir olam" — Feyza Moran

### Ilmiy Fantastika

Kosmos, texnologiya va kelajak haqida qiziqarli asarlar.

#### Kitoblar ro'yxati:

- "Yulduzlar Ortida" — Sherzod Qodirov
- "Kelajak Sayohati" — Anvarbek Rasulov
- "Robotlarning Siri" — Gulnora Davronova



### Tarixiy Romanlar

O'tgan asrlar va qahramonlar haqida tarixiy hikoyalar.

#### Kitoblar ro'yxati:

- "Ikki eshik orasi" — O'tkir Hoshimov
- "Dunyoning ishlari" — O'tkir Hoshimov
- "O'tgan Kunlar" — Abdulla Qodiriy

## Biz haqimizda

Bizning kitob do'konimiz 15 yildan beri faoliyat yuritadi va o'quvchilarga sifatli kitoblar taklif etadi. Har bir kitob sevuvchilar uchun ajoyib tanlov!



## Aloqa

Ismingiz:

Email manzilingiz:

Xabar:

Yuborish



### 6. Xulosa

HTML – veb texnologiyalarining poydevori hisoblanadi. Har bir dasturchi yoki veb dizayner HTML asoslarini mukammal bilishi kerak. HTML hujjatining **asosiy tuzilmasi, matn, rasm, jadval, havola va forma elementlari** bilan ishlashni o'rganish orqali sodda saytlarni yaratish mumkin. Keyinchalik CSS va JavaScript qo'shish orqali yanada chiroyli va funksional veb-ilovalar ishlab chiqiladi.