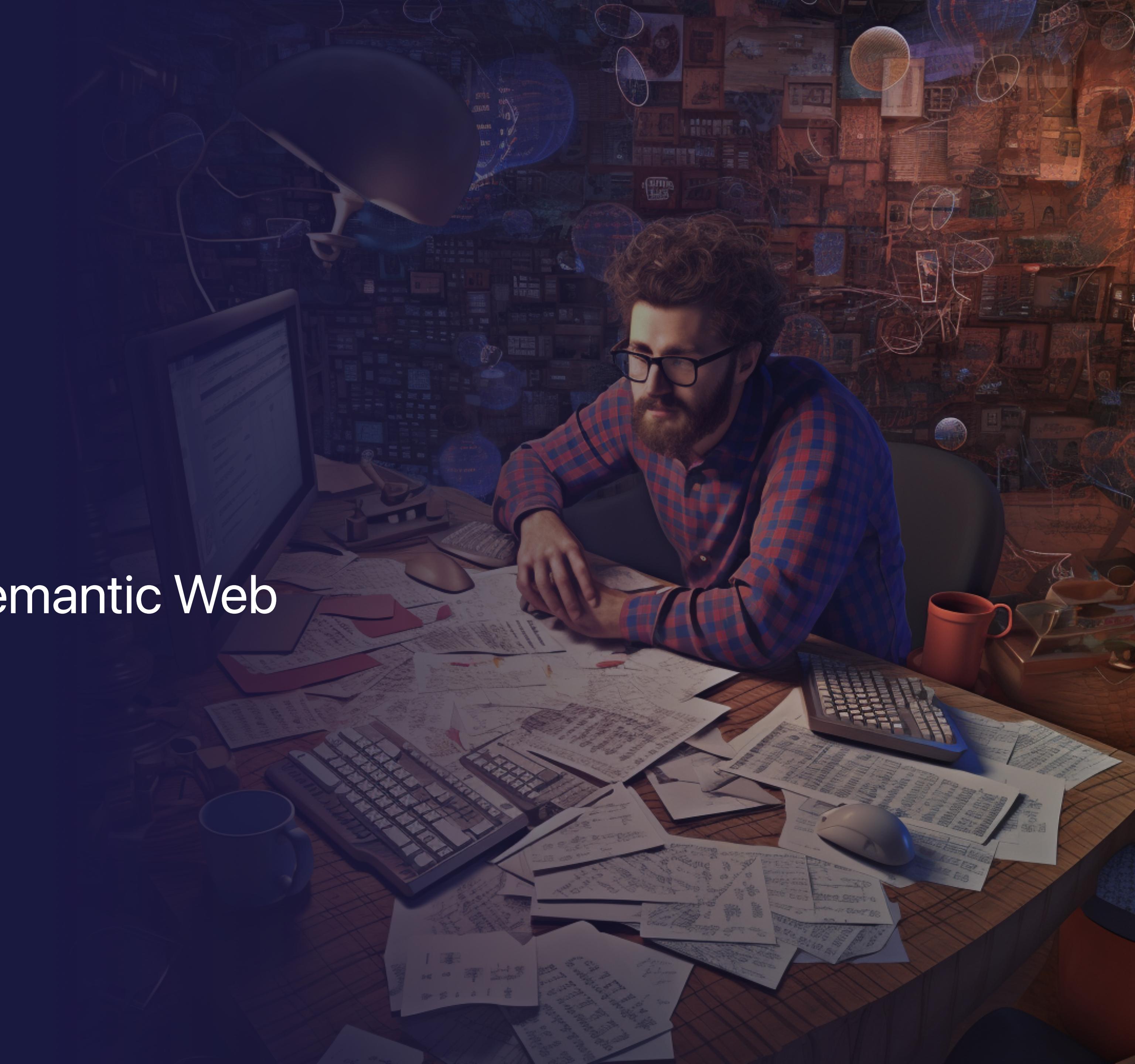




HTML (Part 2)

Advanced Tables, Forms & Semantic Web

Dr. Omar Hammad





Select Term

Select Department

Course-Sec	Activity	CRN	Course Name	Instructor	Day	Time	Location	Status	Waitlist
ICS 104-01	LEC	12296	Introduction to Programming in Python and C	M BALAH	UT	0800-0850	24-115	Open	Closed
ICS 104-02	LEC	12294	Introduction to Programming in Python and C	VAN DINH TRAN	UT	0900-0950	24-115	Open	Closed
ICS 104-03	LEC	12295	Introduction to Programming in Python and C	TANZIL UR RAHMAN	UT	1000-1050	24-121	Closed	Closed
ICS 104-04	LEC	12558	Introduction to Programming in Python and C	EMMANUEL OKAFOR	MW	0800-0850	24-121	Open	Closed
ICS 104-05	LEC	12300	Introduction to Programming in Python and C	SHADI ABUDALFA	MW	0900-0950	24-121	Open	Closed



Pro Staff



Ultra Team



Blade Team



K Zero

Composition	Graphite	Graphite	Graphite	Graphite
Length	27"	27"	27"	27.5"
Head Size	100 sq in	100 sq in	99 sq in	118 sq in
Strung Weight	10.4 oz	10.4 oz	10.4 oz	9.1 oz
Strung Balance	1 pts HL	1 pts HL	2 pts HL	4 pts HH
String Pattern	16x19	16x19	16x18	16x19
Grip Sizes	4 1/4" through 4 3/8"	4 1/8" through 4 3/8"	4 1/4" through 4 3/8"	4 1/4" through 4 1/2"

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PHP
PERL...

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PHP
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Tables

```
<html> <head> <title> <meta> <link> <style>
<script> <body> <div> <span> <h1> <h2> <h3> <h4>
<h5> <h6> <p> <a> <img> <ul> <ol> <li> <table>
<tr> <td> <th> <form> <input> <button> <textarea>
<label> <select> <option> <strong> <em>
<blockquote> <cite> <abbr> <code> <pre> <sup>
<sub>
```

```
<table>
    <tr>
        <td> ... </td>
    </tr>
</table>
```



Let's Build a simple HTML Table

SWE 363-01	LEC	OMAR HAMMAD	MW	Open	Closed
SWE 363-02	LEC	OMAR HAMMAD	MW	Closed	Closed
SWE 363-03	LEC	OMAR HAMMAD	MW	Open	Closed

Advanced table concepts

<thead> <tbody> <tfoot> <caption>
rowspan, colspan

<thead>

Course-Sec	Activity	CRN	Course Name	Instructor	Day	Time	Location	Status	Waitlist
ICS 104-01	LEC	12296	Introduction to Programming in Python and C	M BALAH	UT	0800-0850	24-115	Open	Closed
ICS 104-02	LEC	12294	Introduction to Programming in Python and C	VAN DINH TRAN	UT	0900-0950	24-115	Open	Closed
ICS 104-03	LEC	12295	Introduction to Programming in Python and C	TANZIL UR RAHMAN	UT	1000-1050	24-121	Closed	Closed
ICS 104-04	LEC	12558	Introduction to Programming in Python and C	EMMANUEL OKAFOR	MW	0800-0850	24-121	Open	Closed

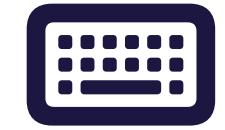
<tbody>

<tfoot>

Total open & waitlist | 10 | 20

<caption>

List of CS & SWE course offerings



Demo

Add the Adv. parts

Instructor	Day	Time	Location	Status	Waitlist
M BALAH	UT	0800-0850	24-115	Open	Closed
VAN DINH TRAN	UT	0900-0950	24-115	Open	Closed
TANZIL UR RAHMAN	UT	1000-1050	24-121	Closed	Closed
EMMANUEL OKAFOR	MW	0800-0850	24-121	Open	Closed
Total open & waitlist			10	20	

List of CS & SWE course offerings

CONTACT

Name:

E-mail:

Message:

SEND YOUR MESSAGE

Google

A search bar with a magnifying glass icon on the left and a microphone icon with a blue dot on the right.

Google Search

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SELECT TERM

Select Department

SELECT DEPARTMENT

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اطلب

سجل الآن

الرياض

+966

من رشك لكريم؟ (اختياري)

سجل الآن

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1 2 3 4 * * *
 9 9 9 9 * * * KSA * * *
 9 9 9 9

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Absher Numbers 2022

 27+ Million	 323+ Million	 151+ Million	 24+ Million	 2.4+ Million
Digital IDs in all Absher channels	Logins in all Absher channels	Logins in Absher Individuals Platform	Number of Absher Apps downloads	Calls to Customer Support Center



Discussion

How do we design usable forms?



nngroup.com/articles/web-form-design/

Forms

```
<html> <head> <title> <meta> <link> <style>
<script> <body> <div> <span> <h1> <h2> <h3> <h4>
  <h5> <h6> <p> <a> <img> <ul> <ol> <li> <table>
<tr> <td> <th> <form> <input> <button> <textarea>
  <label> <select> <option> <strong> <em>
<blockquote> <cite> <abbr> <code> <pre> <sup>
  <sub>
```

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

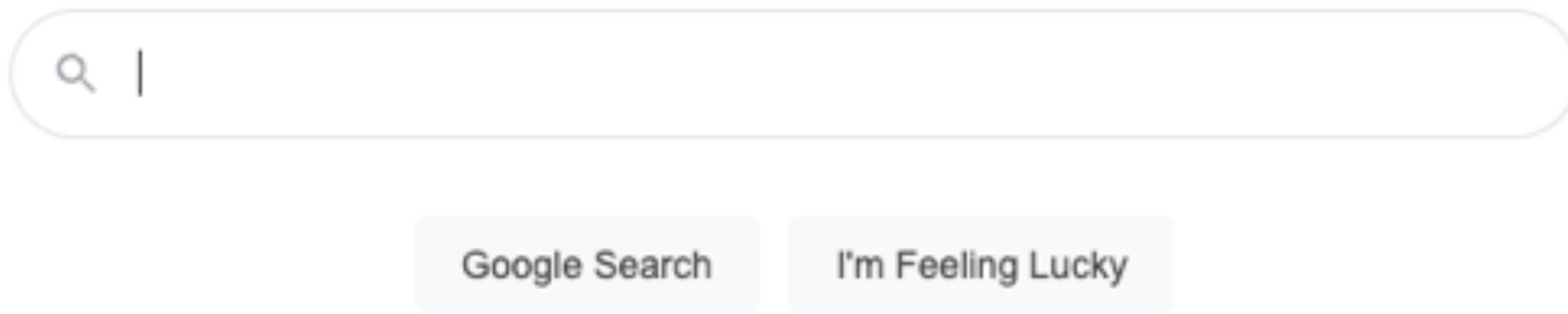
```
<form action="" method=""> ... </form>
```

```
<form> <input type="text"> </form>
```

```
<form> <input type="text"> </form>
```

 Demo

Let's Build a simple Form

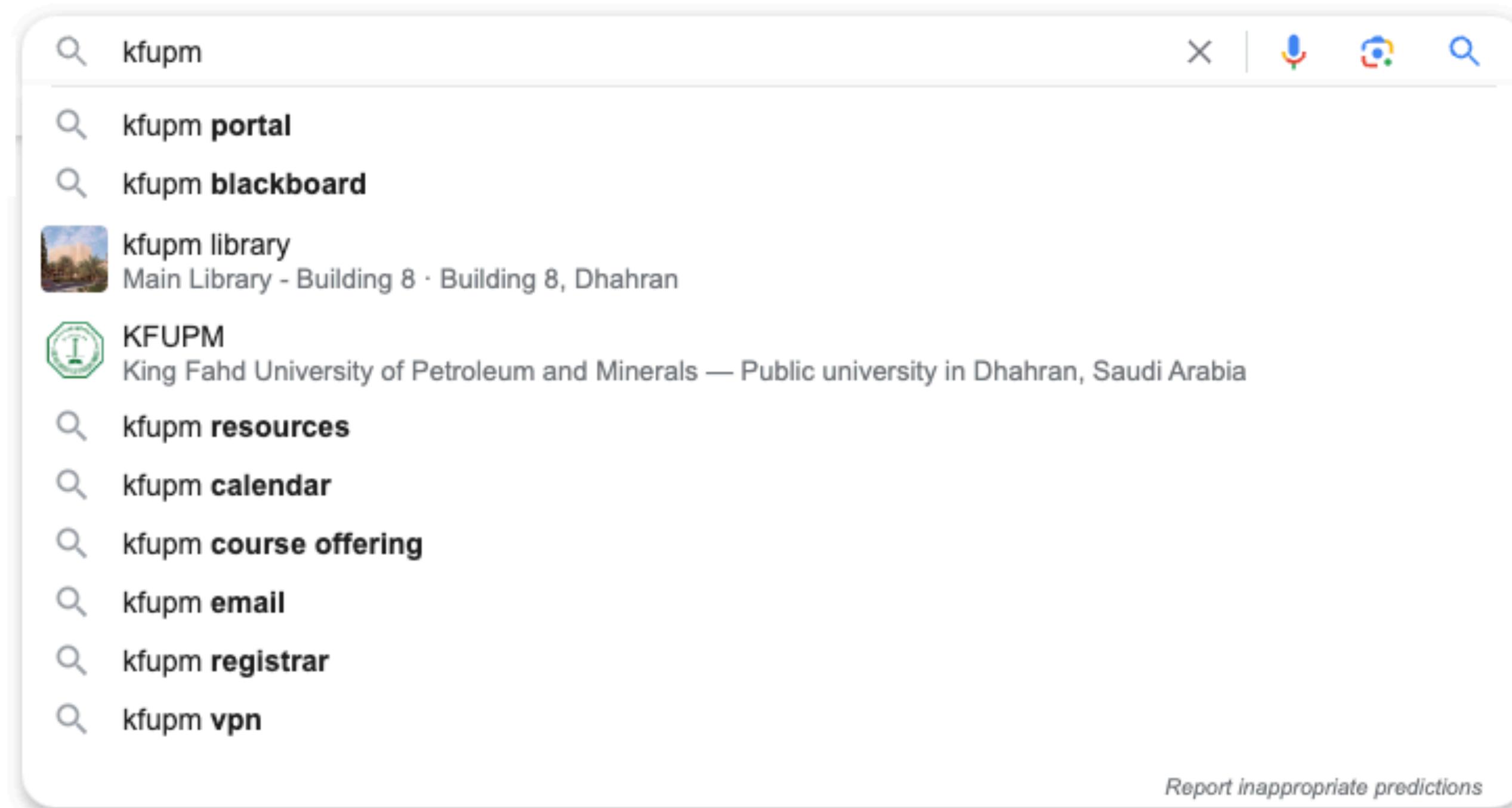


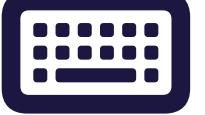
<input type="...">

text, url, tel, password, email, search,
date, time, week, datetime-local, month,
button, submit, reset, checkbox, radio,
number, range, color, file, hidden, image

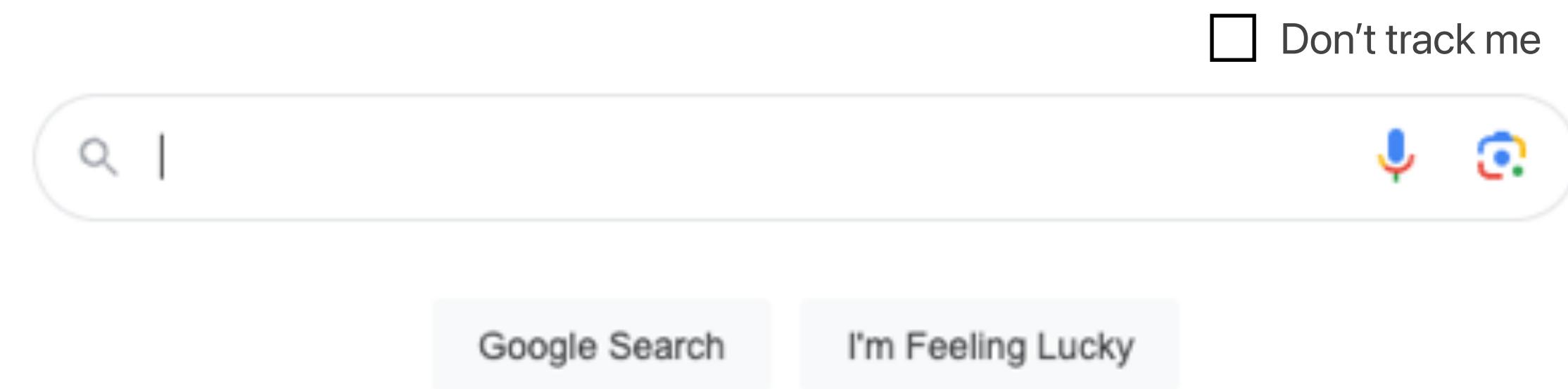
<https://developer.mozilla.org/en-US/docs/Web/HTML/Element/input#attributes>

One more type ..



 Demo

Let's
Make our
form more
interesting





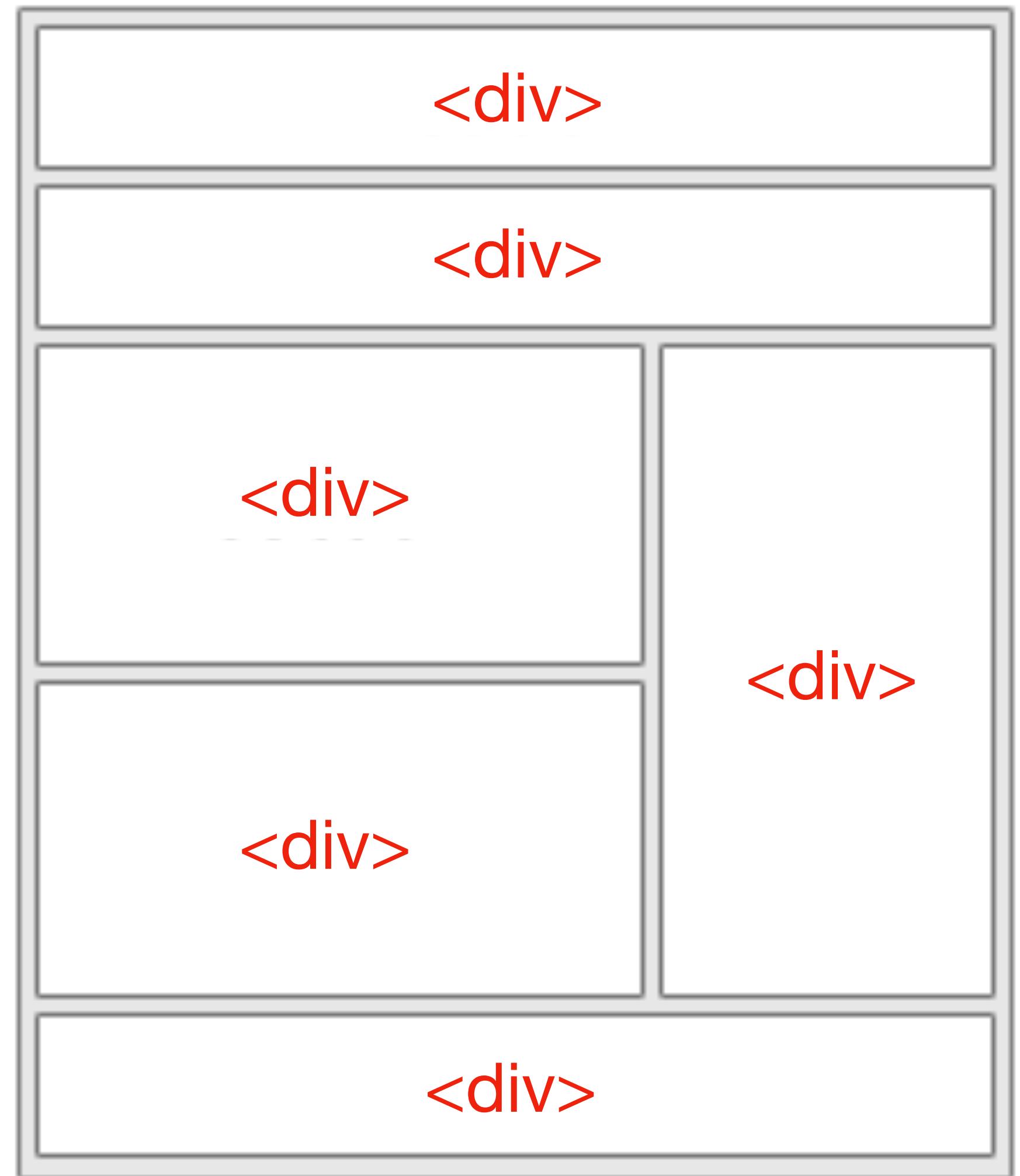
```
<html class="client-js vector-feature-language-in-header-enabled vector-feature-langua  
ge-in-main-page-header-disabled vector-feature-sticky-header-disabled vector-feature-p  
age-tools-pinned-disabled vector-feature-toc-pinned-enabled vector-feature-main-menu-p  
inned-disabled vector-feature-limited-width-clientpref-1 vector-feature-limited-width-  
content-enabled vector-feature-zebra-design-disabled vector-feature-custom-font-size-c  
lientpref-disabled vector-animations-ready ve-available" lang="ar" dir="rtl">  
  ><head>...</head>  
  ><body class="skin-vector skin-vector-search-vue mediawiki rtl sitedir-rtl mw-hide-emp  
ty-elt ns-0 ns-subject page-المنصة_الرئيسية rootpage-المنصة_الرئيسية skin-vector-2022  
action-view uls-dialog-sticky-hide">  
    ><a class="mw-jump-link" href="#bodyContent">انتقل إلى المحتوى</a>  
    ><div class="vector-header-container">...</div>  
    ><div class="mw-page-container">  
      ><div class="mw-page-container-inner">  
        ><div class="vector-main-menu-container vector-sidebar-container-no-toc">...</div>  
        ><div class="vector-sitenotice-container">...</div>  
        ><div class="mw-content-container">  
          ><main id="content" class="mw-body" role="main">  
            ><header class="mw-body-header vector-page-titlebar">...</header> (flex)  
            ><div class="vector-page-toolbar">...</div>  
            ><div class="vector-column-end">...</div>  
            ><div id="bodyContent" class="vector-body ve-init-mw-desktopArticleTarget-tar  
getContainer" aria-labelledby="firstHeading" data-mw-ve-target-container>  
              ><div class="vector-body-before-content">...</div>  
              ><div id="contentSub">...</div>  
              ><div id="mw-content-text" class="mw-body-content mw-content-rtl" lang="ar"  
dir="rtl">...</div>  
              ><div id="catlinks" class="catlinks catlinks-allhidden" data-mw="interfac  
e">...</div>  
              ><div id="p-lang-btn" class="vector-dropdown mw-portlet mw-portlet-lang">  
                ...</div>  
              </div>  
            </main>  
          </div>  
        ><div class="mw-footer-container">...</div>  
      </div>  
    </div>  
    ><div class="vector-settings" id="p-dock-bottom">...</div>  
    ><script>...</script>  
    ><script type="application/ld+json">...</script>  
    ><script type="application/ld+json">...</script>  
    ><div id="loom-companion-mv3" ext-id="liecbddmkiihnedobmlmillhodjkdm">...</div>  
      <div id="mw-teleport-target"></div>  
    ><div id="p-namespaces" style="display: none;">...</div>  
    <a accesskey="v" href="https://ar.wikipedia.org/wiki/%D8%A7%D9%84%D8%B5%D9%81%D8%A  
D%D8%A9 %D8%A7%D9%84%D8%B1%D8%A6%D9%8A%D8%B3%D9%8A%D8%A9?action=edit" class="oo-ui-  
element-hidden"></a>  
  </body>  
</html>
```

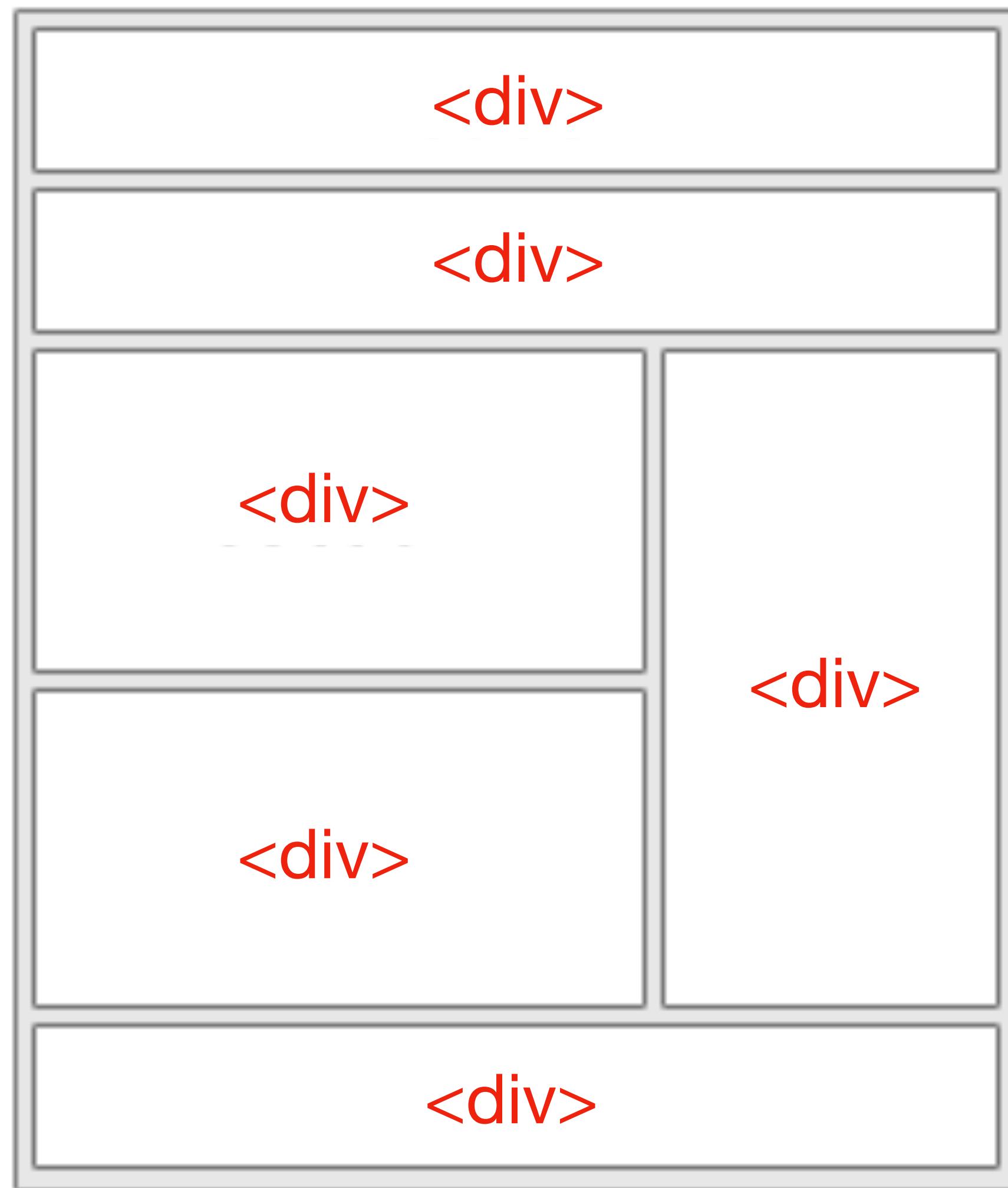
Usage notes

- The `<div>` element should be used only when no other semantic element (such as `<article>` or `<nav>`) is appropriate.

Semantic Element

```
<nav> <header> <main> <section> <article>  
<aside> <footer> <details> <figcaption>  
<figure> <mark> <summary> <time>
```







Let's
Make
markup
more
descriptive

