```
# main heading
<h1> .. </h1>

# subheadings
<h2/3/4/5/6> … </h2/3/4/5/6>
```

```
# paragraph
<p> .. </p>
```

```
# commenting in html

<!--
..
-->
```

```
# main
## HTML5 tag helps search engines and other developers find the
main content of your page

<main>
..
</main>
```

```
# images
<img src='...' alt='...'>
```

```
# a(anchor) to link to content outside your web

<a href='......'> text </a>

# also can be used to create internal links to jump to different
sections within a page

<a href="#contacts-header">Contacts</a>
...
<h2 id="contacts-header">Contacts</h2>
```

```
# nest an anchor
# target="_blank": target is an anchor tag attribute that specifie
s where to open the link and the value "_blank" specifies to open
the link in a new tab

<p>
  Here's a <a target="_blank" href="http://freecodecamp.org"> link
 to freecodecamp.org</a> for you to follow.
</p>
```

```
# dead links
<a href="#""...">
```

```
# turn an image into link

<a href="#"><img src="https://bit.ly/fcc-running-cats" alt="Three
kittens running towards the camera."></a>
```

```
# bulleted unordered list
<ul>
  <li>milk</li>
  <li>cheese</li>
</ul>

# ordered list
<ol>
  <li>Garfield</li>
  <li>Sylvester</li>
</ol>

· fish    1. Fish
· mouse   2. Mouse
· cash    3. Cash
```

```
# input
# required: must fill out before submit
<input type='text' required>

# placeholder: what displayed in your input
<input type="text" placeholder="this is placeholder text">
```

```
# form  ????????
# You can build web forms that actually submit data to a server
using nothing more than pure HTML

<form action='..'></form>
```

```
# radio buttons  ◯indoor ◯outdoor

<label for="indoor">
  <input id="indoor" type="radio" name="indoor-outdoor">Indoor
</label>
<label for="outdoor">
  <input id="outdoor" type="radio" name="indoor-outdoor">Outdoor
</label>
```

```
# checkbox  □ loving □ boring

<label for="loving">
  <input id="loving" type="checkbox" name="personality">Loving
</label>
<label for="boring">
  <input id="boring" type="checkbox" name="personality"> boring
</label>

# set checked by default
<input type="radio" name="test-name" checked>
```

```
# div: division element, a general purpose container for other
elements

<div>
...
</div>
```

```
# decalre the doctype of an HTML
# head & body

<!DOCTYPE html>
<html>
  <head>
    <!-- Any markup with information about your page -->
  </head>
  <body>
    <!-- page contents -->
  </body>
</html>
```