

TC 5.0 HTML

HTML is a markup language: hyper-text-markup-language, meaning it does not represent programming as much as it marks-up or displays information.

It can be interactive, as you may have seen from shopping sites that seem to adapt to your actions, but these processes are usually done behind the scenes, using other tools such as SQL, a database program and PHP, a scripting language

Back to html:

HTML is used by websites to portray information using coding enclosed in carats like this: <blah>

We'll start by playing with some html live here:

<https://www.w3schools.com>

Click on "learn html"

Continue until the quiz.

Part II: HTML and browsers

Open one of the following browsers, and look for the following menu:

Safari-open preferences->advanced->show develop menu

Then under "develop" show page source

Chrome: go to view->developer->view source

Firefox: tools->web developer->inspector

(this one is the most fun)

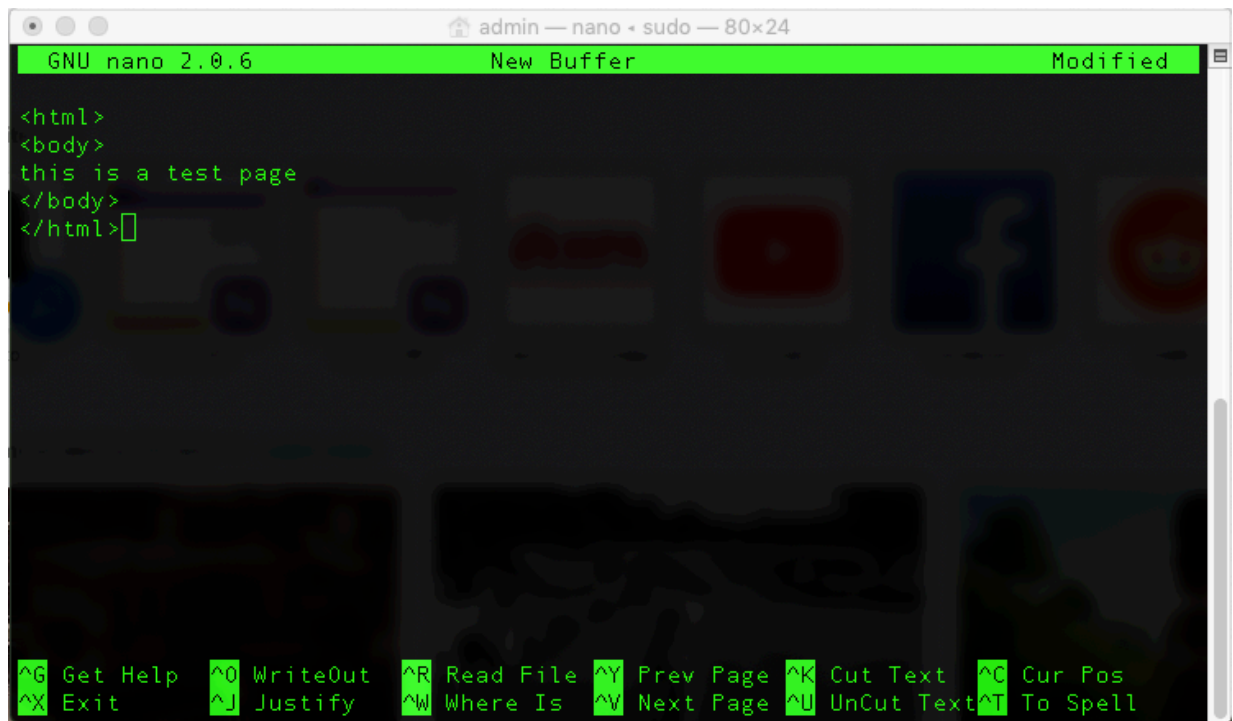
Go to a web page of your choice and view source. What do you recognize?

What are the minimum tags needed to make an html page?

Let's find out:

Using the unix program nano, open terminal and type **sudo nano**

Type the following:

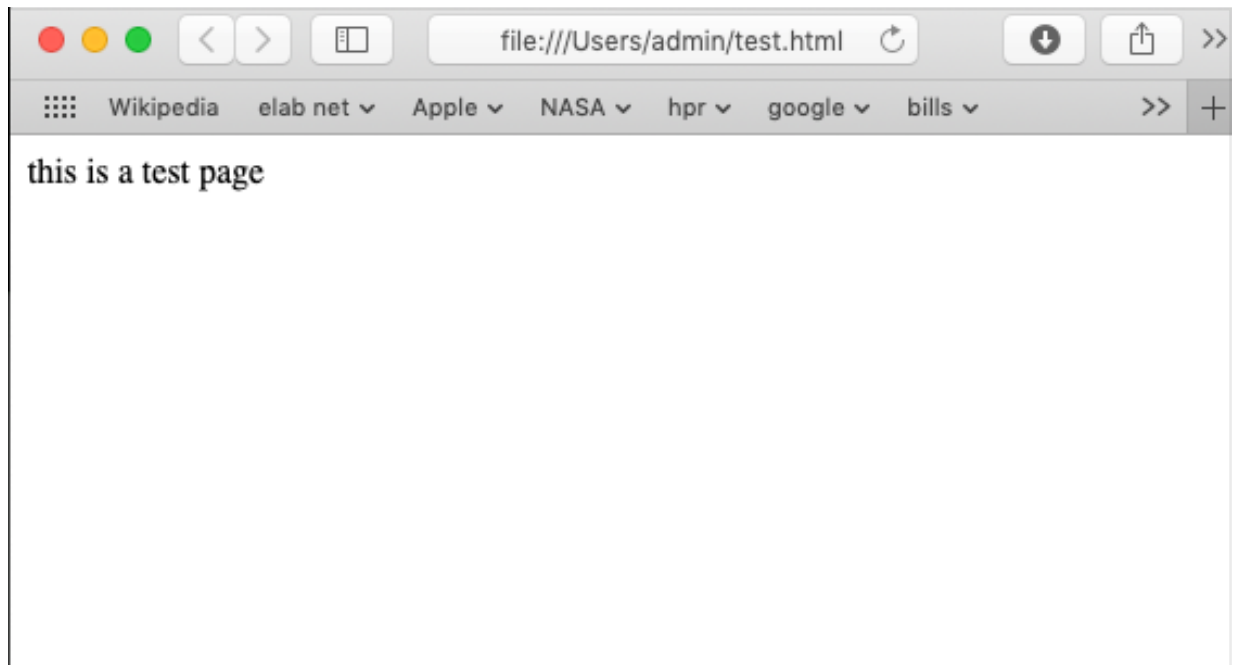


```
GNU nano 2.0.6 New Buffer Modified
<html>
<body>
this is a test page
</body>
</html>
```

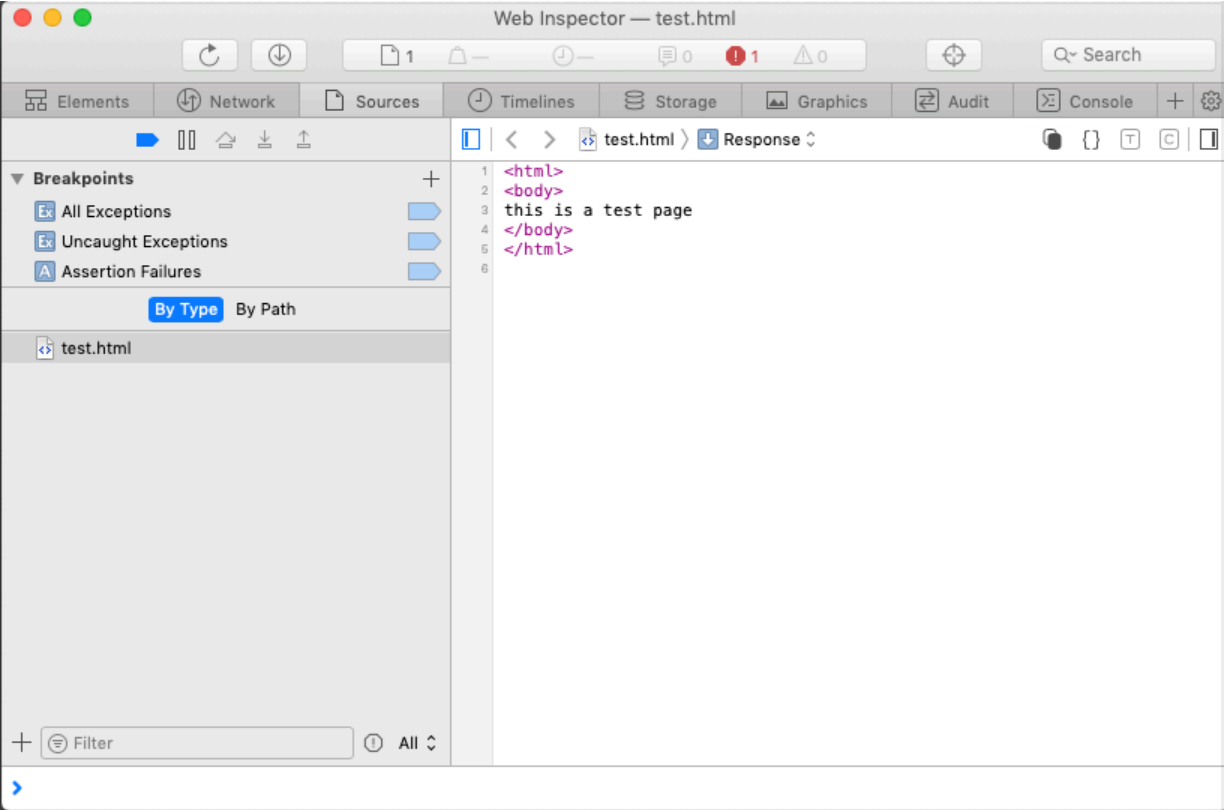
^G Get Help ^O WriteOut ^R Read File ^Y Prev Page ^K Cut Text ^C Cur Pos
^X Exit ^J Justify ^W Where Is ^V Next Page ^U UnCut Text ^T To Spell

Then enter control-o and type "test.html"
Exit using control-x

On a mac, look in your Users folder for a file called test.html
Click on it, or drag it onto one of the browser icons:



Now view the source:



You can even edit the page on the inspector, and see what it looks like on a browser.

—————end of module 5: html—————next: text editors