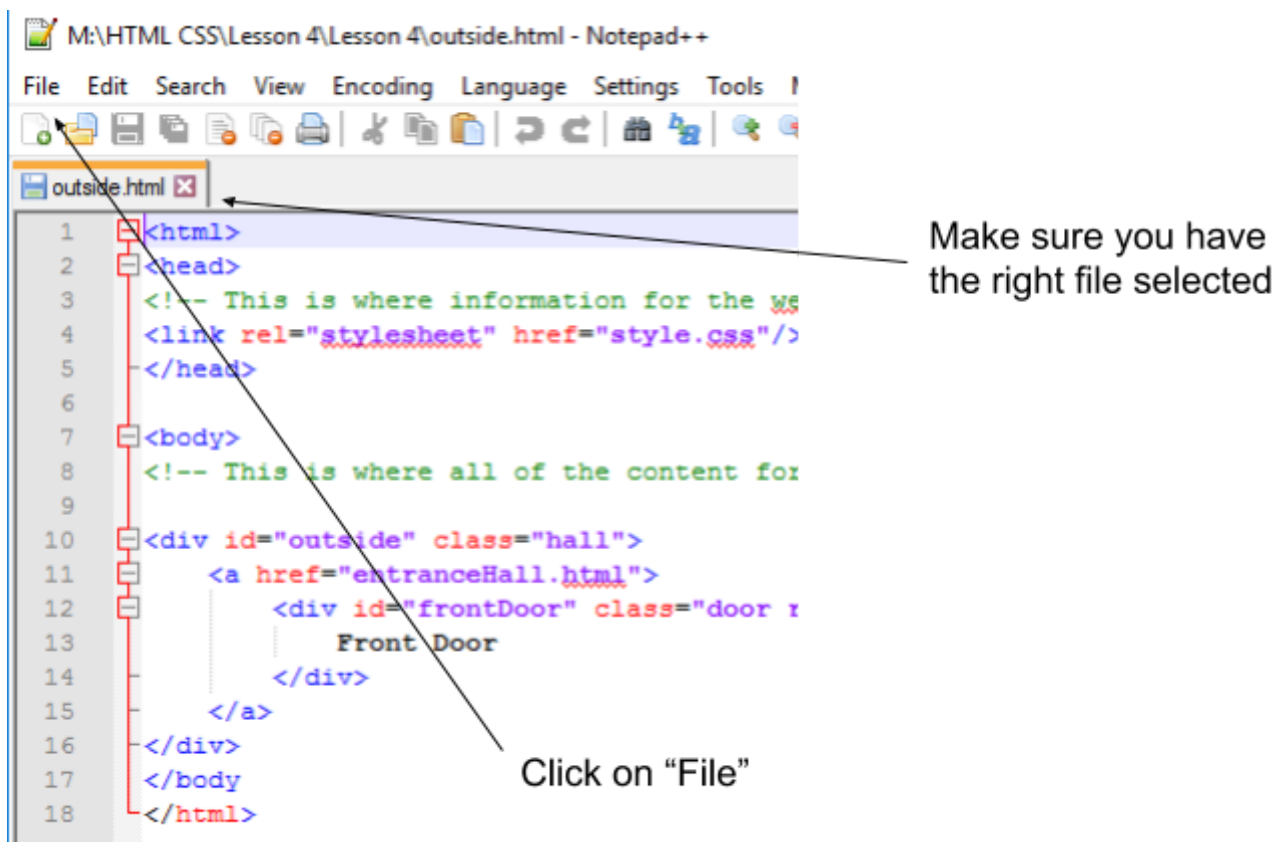# Hyperlink House

Your objective is to extend hyperlink house, creating new rooms and adding images to make the rooms look like what they are supposed to be.
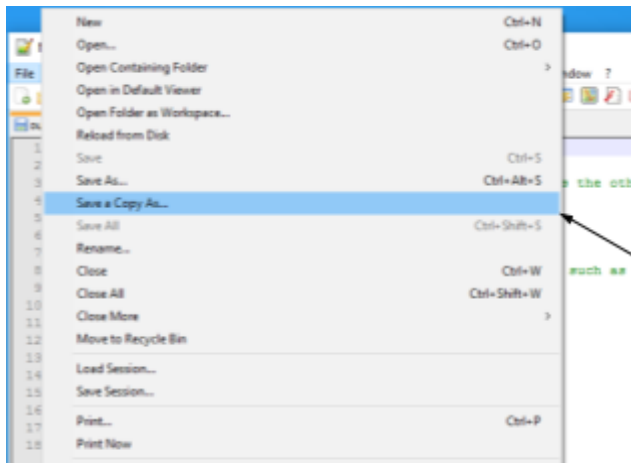
You must make sure your doors are clearly labelled and they link to the correct room in the house.

Use the following steps to create a new room:

Step 1 - Copy

Take a copy of an existing HTML file you have, by clicking on the following in notepad:
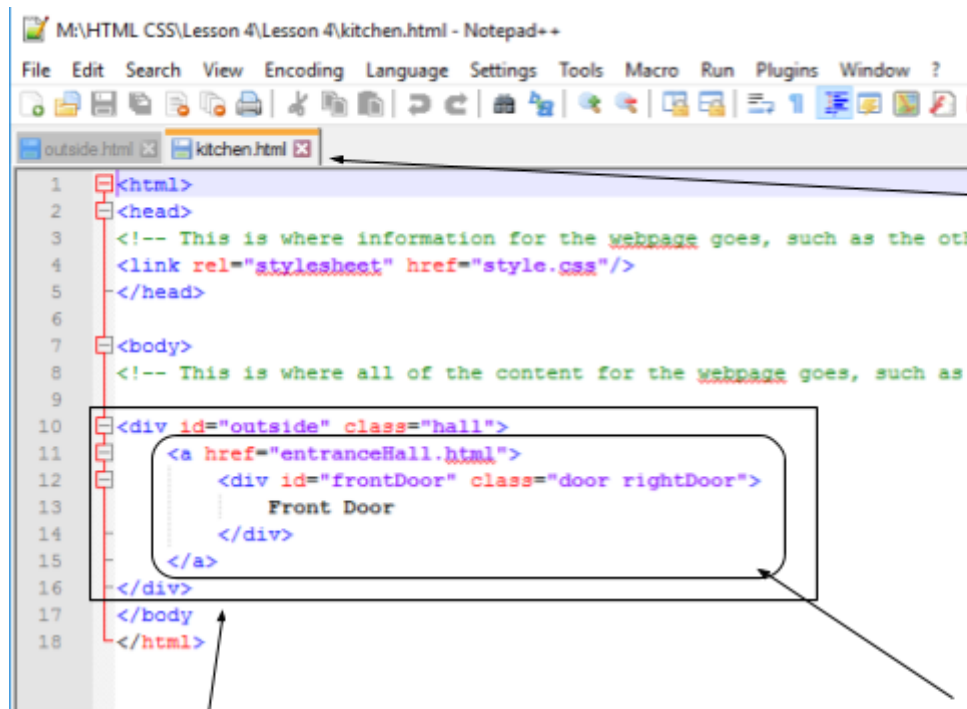
Click on "Save a Copy As..." and give your copy a relevant name.

We are doing the kitchen room next, so we will name our new copy kitchen.html

We also need to make sure we save it in the same folder as our other HTML pages.

Step 2 - Edit

Open the new file in notepad++

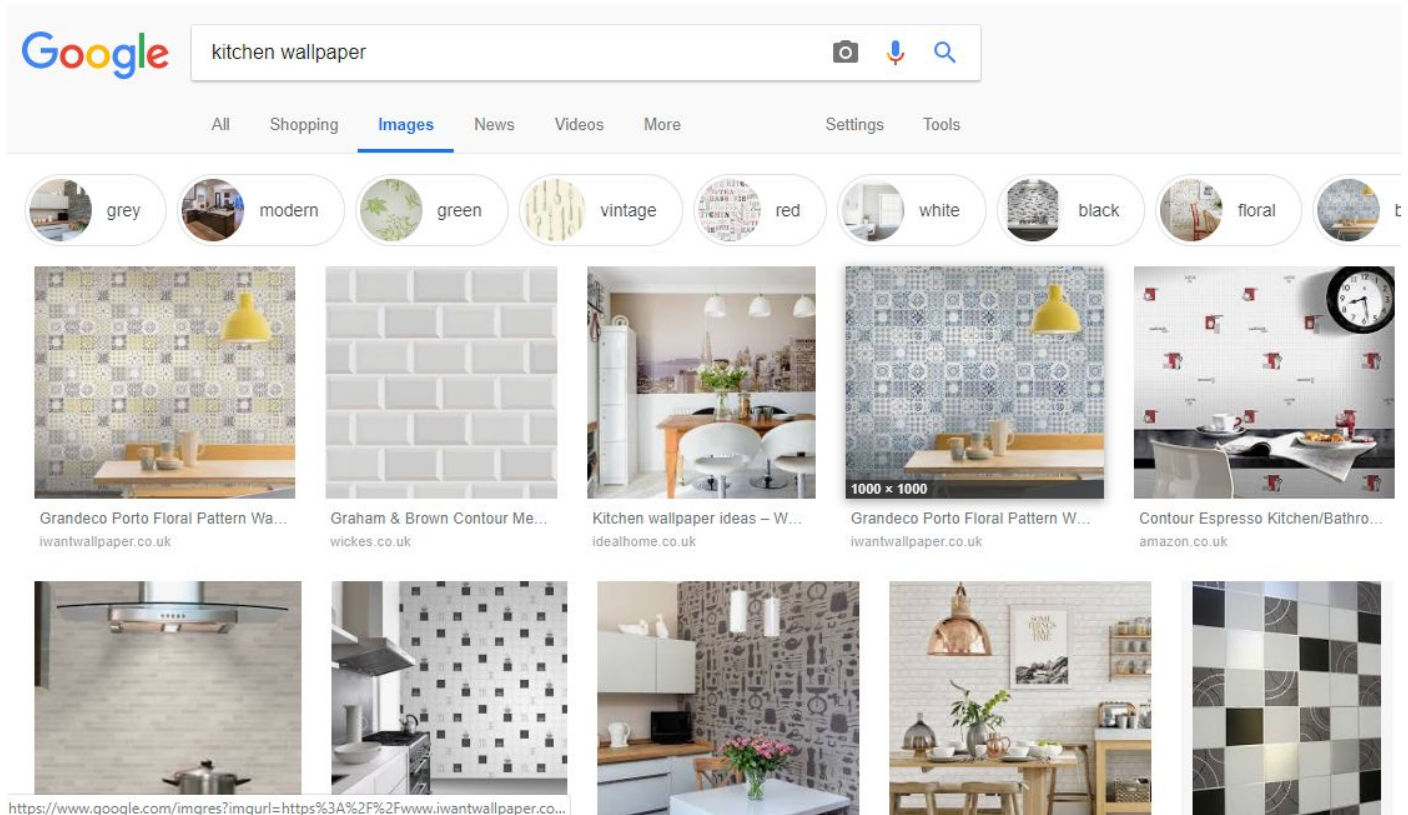Copy this section to make a new door.

Think about what you need to change here to make your kitchen work as a new room, and look different to the other rooms.

Step 3 - Style

Add your new styles in for the kitchen to give it a different background - make sure you have updated the ID and class names in your HTML file.

```
#kitchen {
    background: url("kitchen.jpg")
}
```

Use Google to find appropriate images for your kitchen background:

Make sure you save your image in the same folder as all of your web pages, and give it the same name as what you have used in your style.

Step 4 - Link

```
<a href="entranceHall.html">
```

Check your anchor tag is linking your door to the correct room.
Change the text inside the speech marks if it is not correct.

Your HTML files should all be in the same folder to be able to link to them:

Name	Date modified	Type	Size
entranceHall	23/01/2019 14:17	Chrome HTML Do...	1 KB
entranceHall	23/01/2019 13:54	JPG File	641 KB
kitchen	24/01/2019 09:39	Chrome HTML Do...	1 KB
outside	24/01/2019 09:17	Chrome HTML Do...	1 KB
outside	23/01/2019 14:04	JPG File	179 KB
style	24/01/2019 09:29	Cascading Style S...	1 KB

Building an Anchor tag

- Start with the basic anchor tag <a>

- We add the href attribute

- This will tell our webpage where to go if the link is clicked.

- And then we put the name of our file in the speech marks

- Anything between the anchor tags will turn into a hyperlink Click Here!

- Click on your new link when you run it in the browser to test that it works!

Step 5 - Test

Run your web page in the browser, and see if everything works as expected.

If you can go from the kitchen, to the outside and back again, then you are ready to make a new room!

If your page does not work as intended - check out the following guide to help you:

Problem Solving

My CSS isn't working

- Have you told your HTML document where to find your CSS file?
- Do all of your lines with properties on them end with a semicolon?
- Have you put your properties inside curly brackets { } ?
- Do your classes start with a full-stop?
- Do your IDs start with a #?
- Have you added your class or ID to your HTML code?
- Have you used the correct values for your property?

My HTML isn't working

- Have you marked up all of your content?
- Have you closed every tag you have opened?   <tag>Content</tag>
- Have you saved all of your files?
- Have you opened the right file in your browser?

I don't know what to do

- Have you read the instructions above?
- Have you used the resources for HTML tags and CSS properties on Google classroom?
- Have you used the w3schools website to find an interesting style?

Step 6 - Improve

There are a few things we can do to improve Hyperlink house:

- Make the doors look more realistic.
- Make the text on the doors look better.
- Update the wall paper in the rooms
- Add more rooms - and be creative - if you want an indoor jungle, a swimming pool or something else not found in normal houses - Add it in! Go back to step 1 and repeat the process.

Here is an example of a new room - the Garage. It links to the driveway and back to the kitchen.
I will now make a driveway page to link the door to, and that will be the end of my Hyperlink House.
I will then focus on making the style of my house look better.