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| IWD Assignment 2 Documentation  *NZ Painting* | | | |
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# Website introduction

We built this website, NZ Painting Creations Studio, to give viewers who might be interested in artwork paintings or need them for business or home decoration, a general understanding of the company’s history and work.

# Site map

This website has 5 pages.

a. Index page.

The homepage shows some general info about the company, its work field, history, and some pictures of its artwork.

b. Artworks.

This page is filled with some pictures of the company’s fine work.

c. Signup

On this page, people can sign up with their email address to receive latest news from the company.

d. About

This page shows the company’s history, contact info (location, phone number, email address) and a location map.

e. Shopping cart

Allow users to interactively add, and remove items from the shopping cart.

# Functions

This website has 5 pages. All the pages have a header, which include a navigate bar, and a footer in the bottom. Each page has different content in the middle of the page.

a. Index page.

The homepage has three parts. The first page shows some general info about the company, its work field, history. The second and third part provide the discount paintings and the most popular paintings respectively.

b. Artworks.

We exhibit all the products on this page, and divide them to five categories: abstract, ink painting, landscape, pop art and portrait. We design a list of categories to help you browse the specific category.

When you hover on the picture, the name, description size and price will show up. We provide a link via “Buy It” button, and you can add it to your shopping cart when you click on the “Buy It” button.

c. Signup

On this page, people can sign up with their email address to receive latest news from the company.

d. About

This page contains the necessary information of NZ Painting Creation Studio. Including their history, contact info and a location map.

e. Shopping cart

Allow users to interactively add, and remove items from the shopping cart.

# Business Purposes

a. Index page.

This page aims at attracting customers with the discount items and the most popular items. It’s the homepage of the website, the customers who are interested in the cheap or popular products may also browse other products and buy more.

b. Artworks.

This page helps customer to choose the categories them like and provide the products precisely to attract customers and make them easy to buy the them. All the information they need, such as the name, description, size and price, is shown on the picture when they hover on it, this function helps the customers to make the decision on whether they want to buy it or not.

c. Signup

On this page, people can sign up with their email address to receive latest news from the company.

d. About

This page shows the company’s history, contact info and a location map.

e. Shopping cart

Allow users to interactively add, and remove items from the shopping cart.

# 5. Page Design

Each page has a header, footer, and Nav. Each page follows the layout so that we make sure every page has a same style.

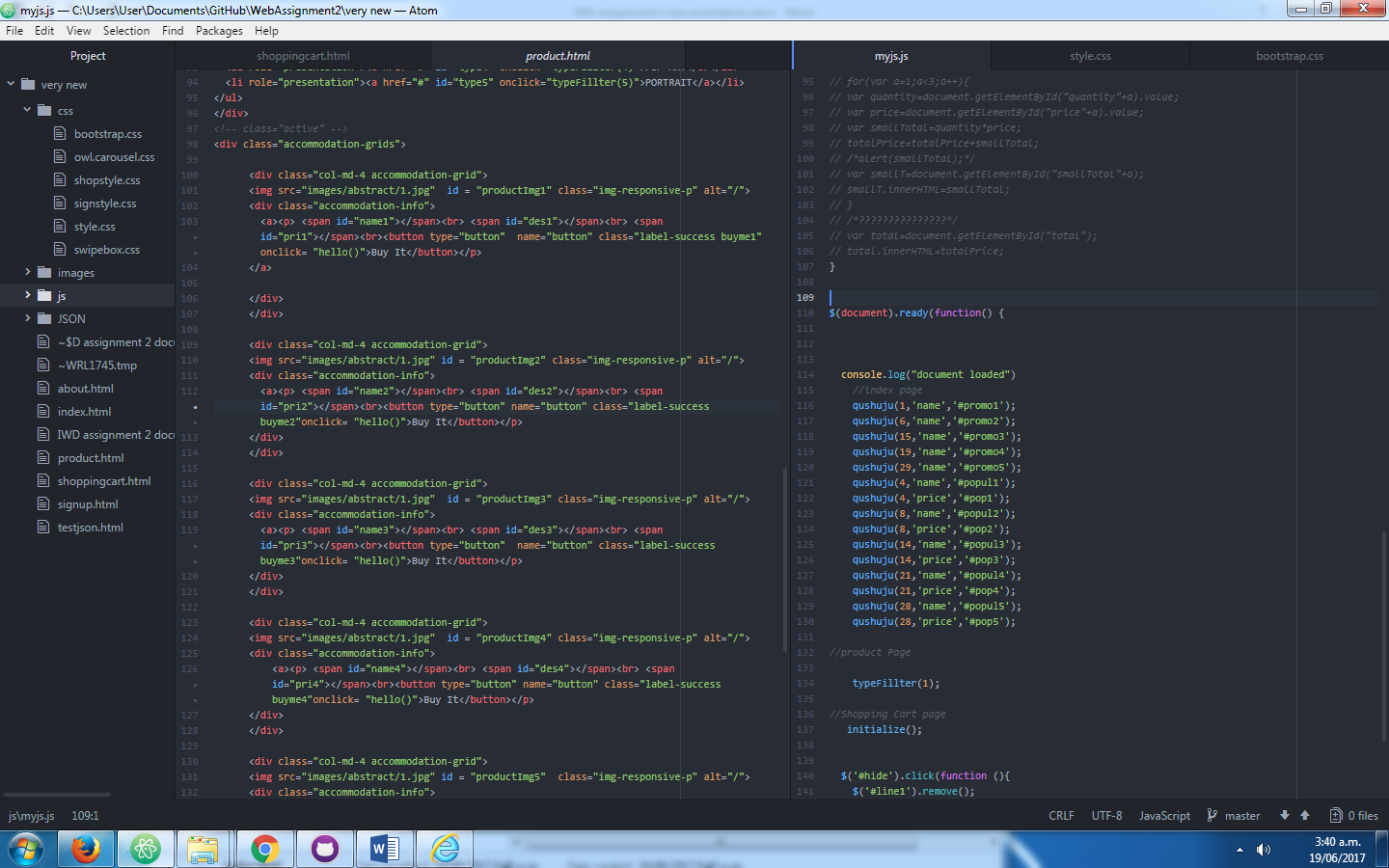
Header

Navi

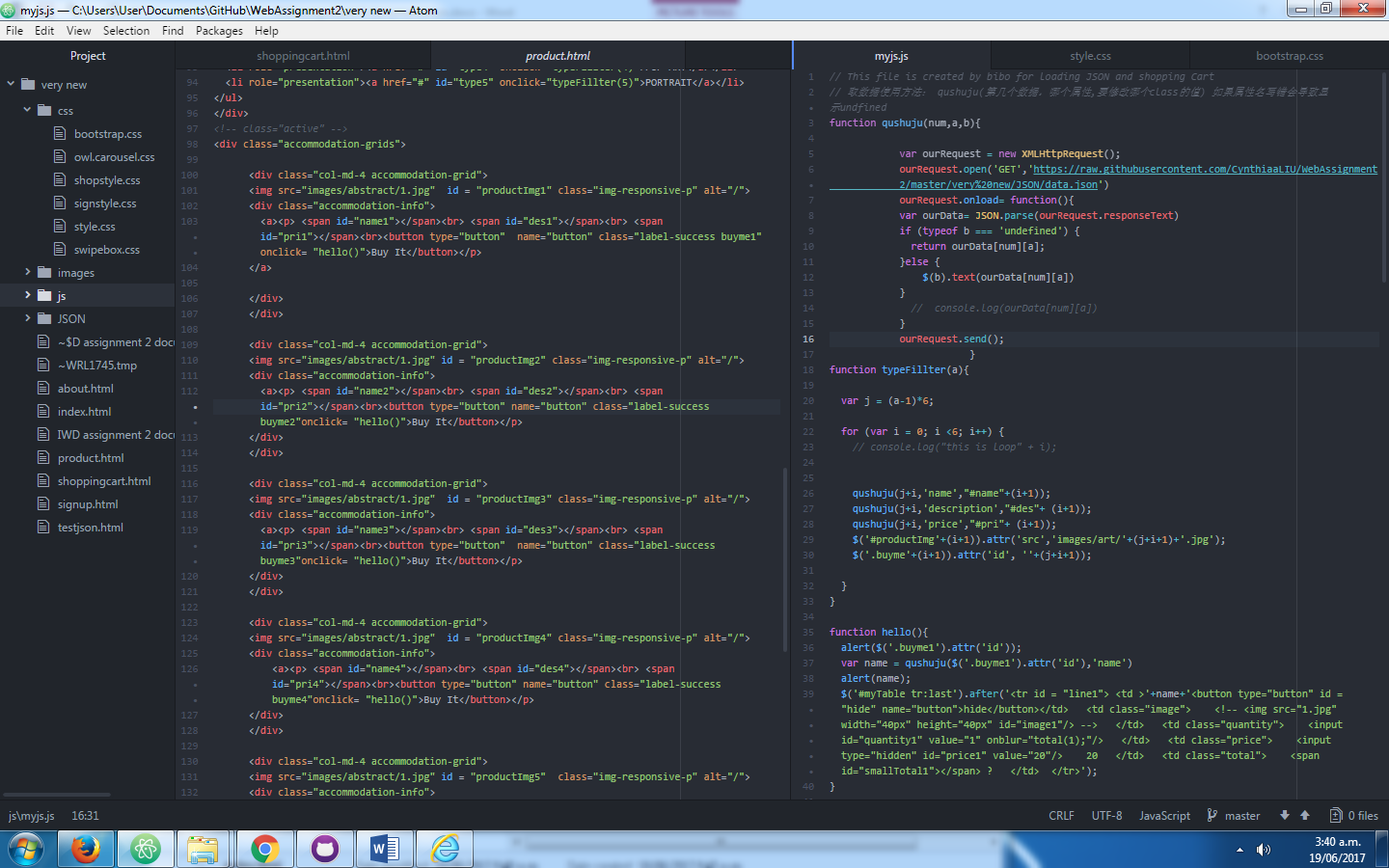
Footer

# 6. Script code explanation

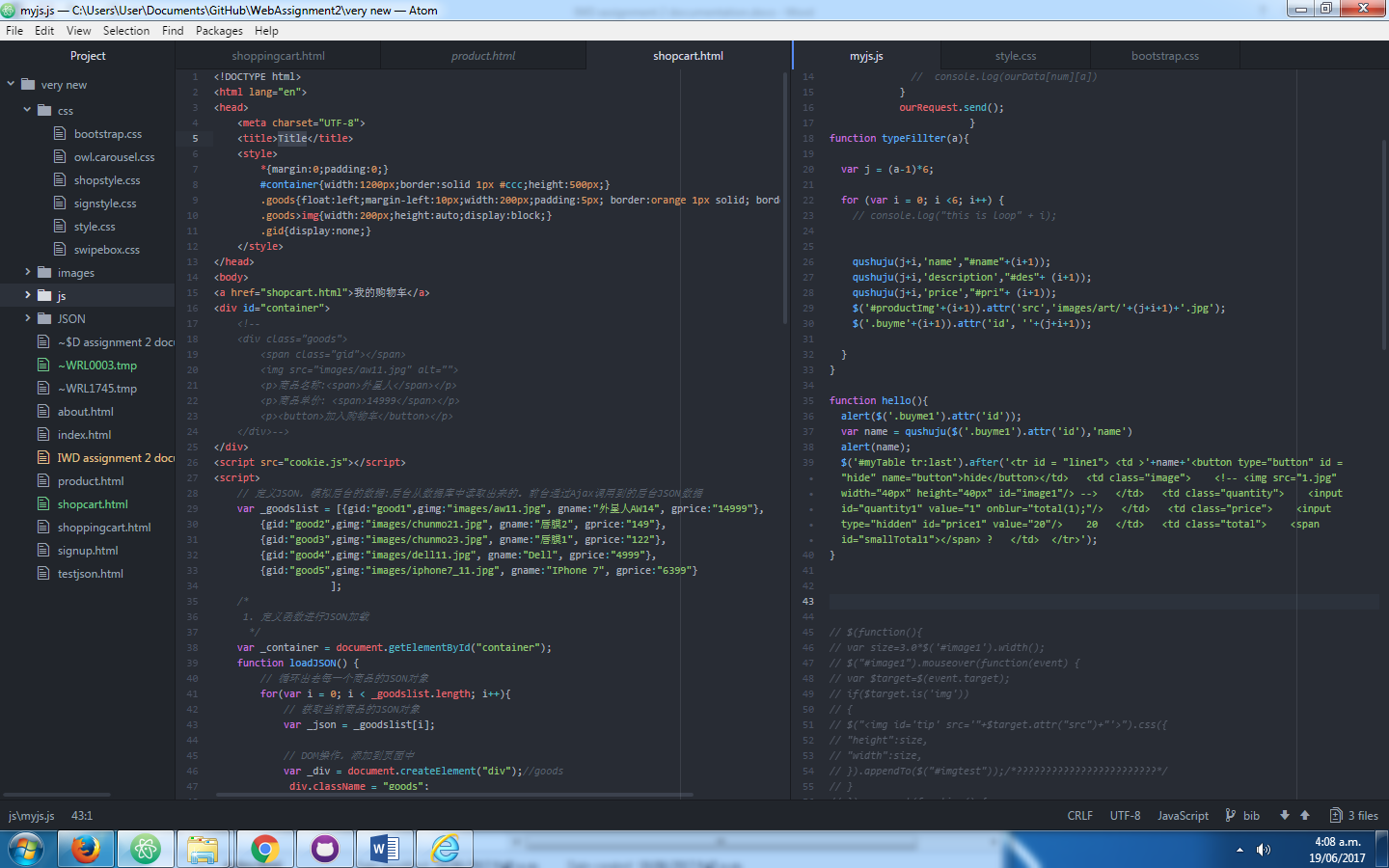
We created a function called qushuju(). In this function, we passed 3 parameter to the function, which are the id number, objet name and where to put data in. This is a very important function that we use for all pages. You can see I used a lot for the home page and product page.

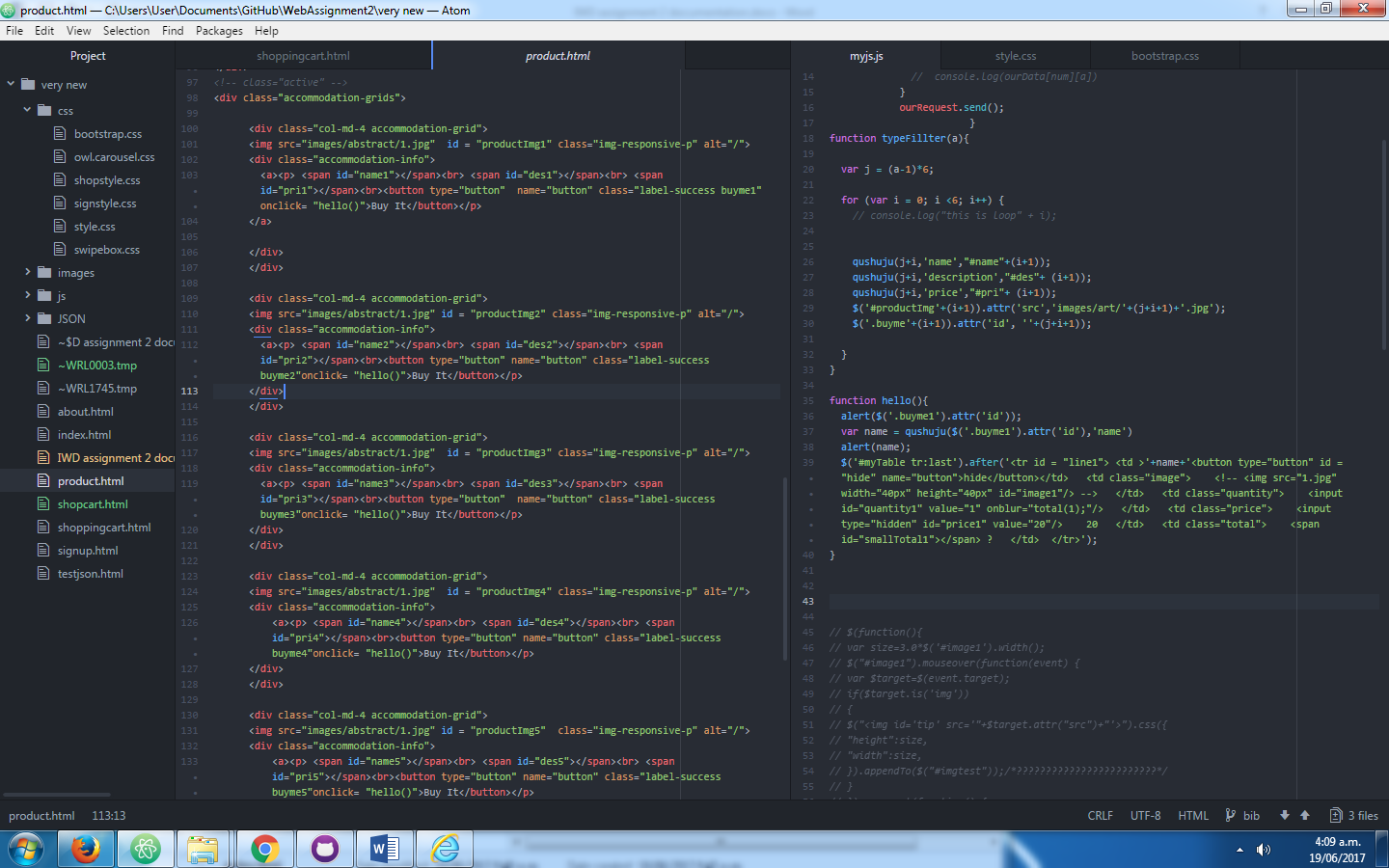


This is the function. We use AJAX to retrive data from web service (github) as our database. We use XMLHttpRequest() function to get data, and put data in 2 ways. First way, if we have the third parameter, we will directly put data to where we define. If we didn’t define, we can use reture to receive it.



Here is another code for product page. We use a for loop at this page to put all the data from JSON file to the correct place. Also setup img source etc.

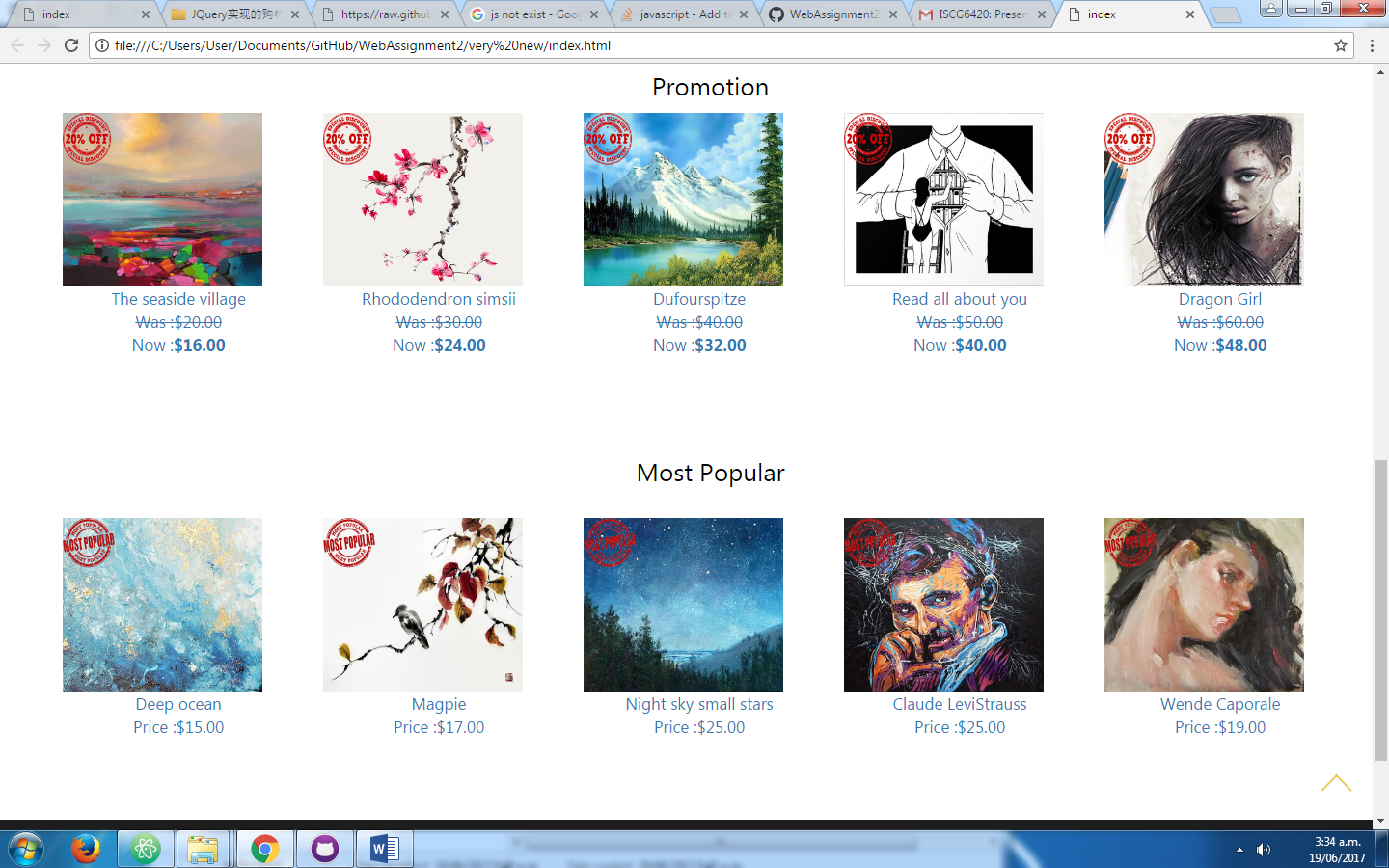




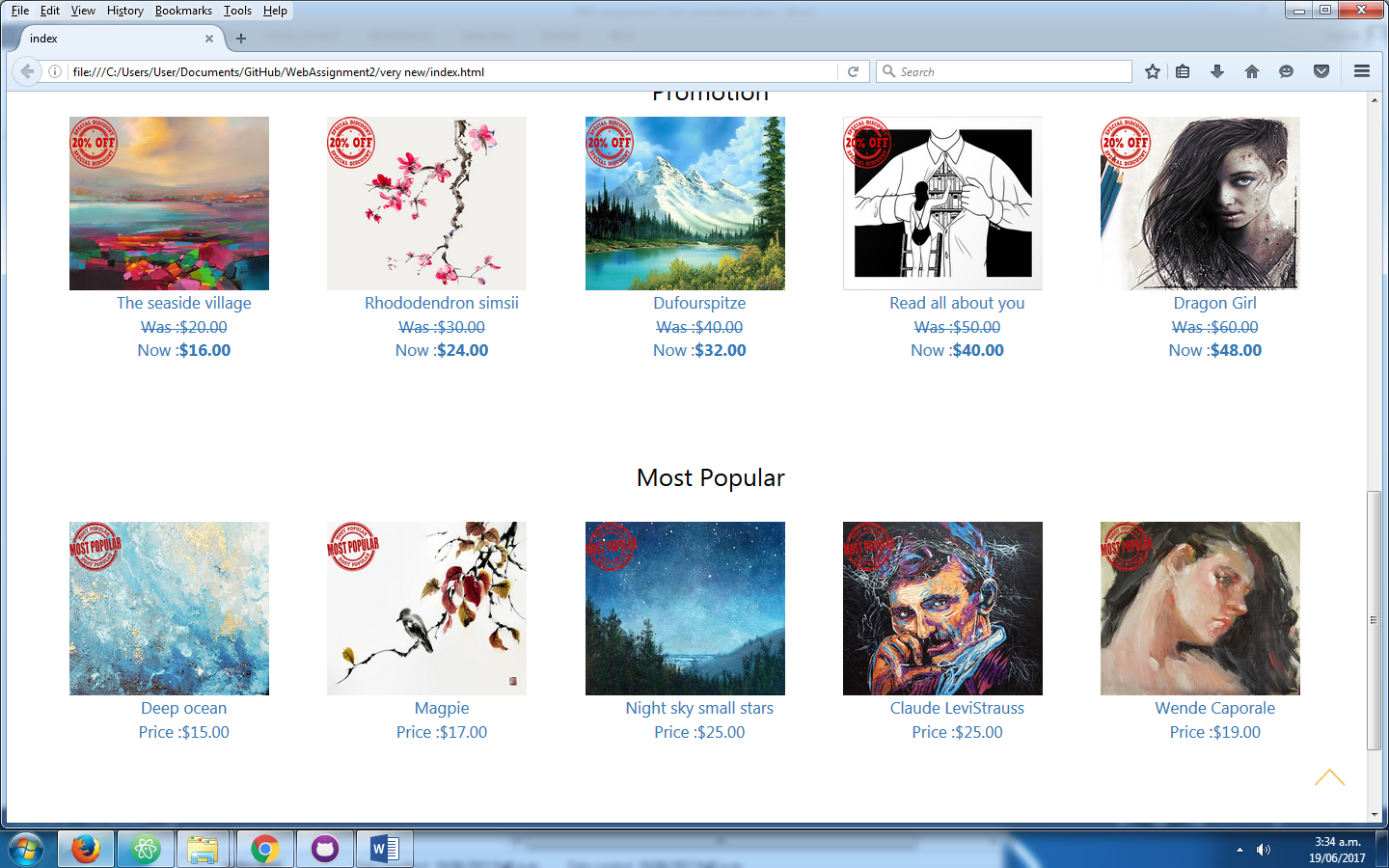
# 7. Testing on three browsers

We tested with chrome, firefox and Internet explorer. All 3 browsers works well. Here is a screen shot from each browser.

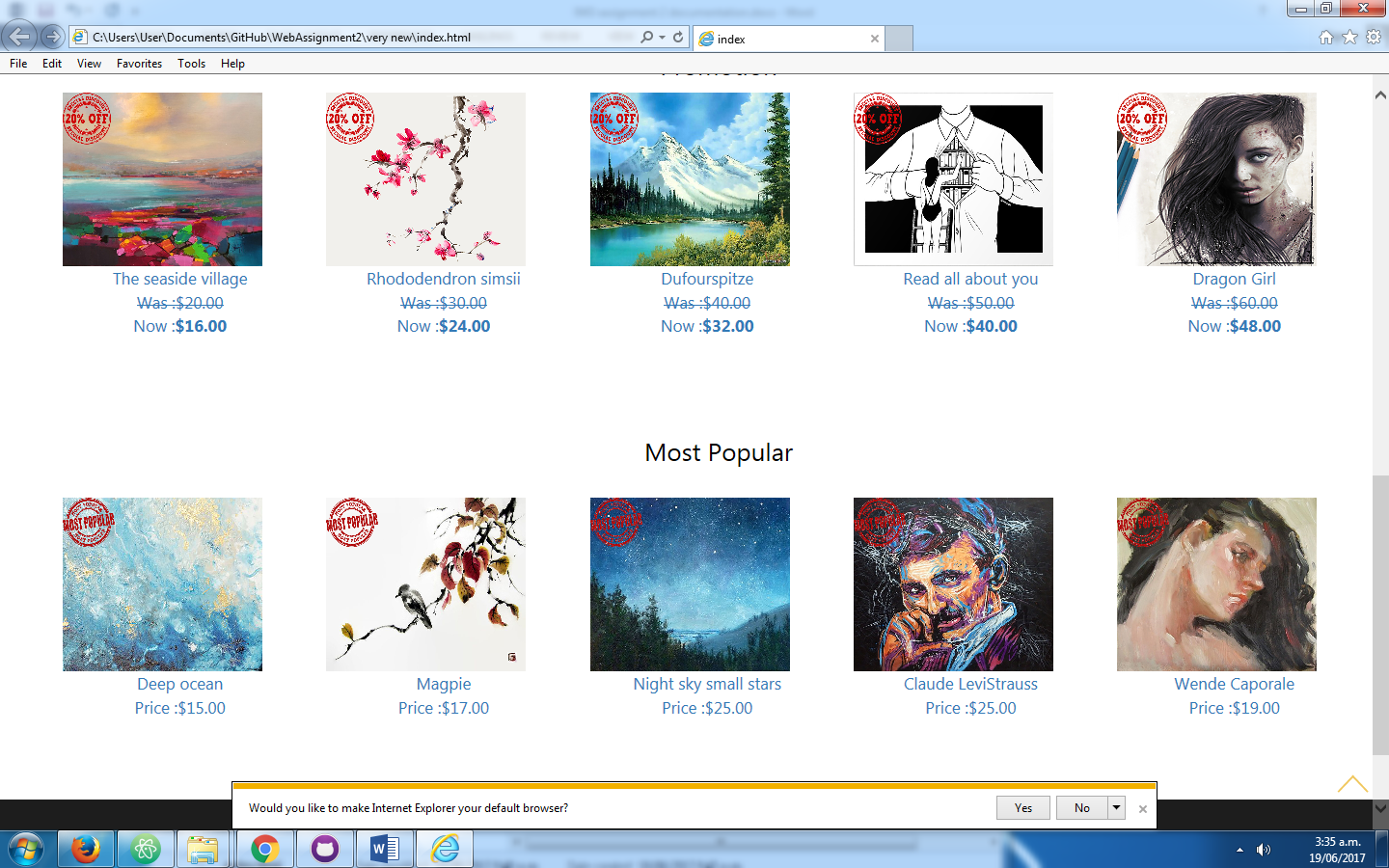
1. Google Chrome:



1. Mozilla Firefox:



1. Internet Explorer:



# 8. Future improvements

Animations: we found that if we add some animations to the website, for instants a small picture come out after click “buy” will be more fun and make users easier to understand where the items has gone.

JQuery: we used a lot of jquery in this assignment. However, we still struggled in certain method, such as append to a table. We need more exercise on it.

# 9. Reference

Bootstrap

Jquery

Ajax