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Tutorial 1

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Intro

- Kitman
- Node, React
- 8 期 students
- Teaching more than 2 years in JR

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Intro

- Quiz
- Project
- Questions make appointment with me(Wechat)

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Exception

- Proactive
- Hands on
- Have HTML,CSS,JS foundation
- Extension base on foundation knowledge
- Learn how actually developers code + debug and fix errors
- P1, P2, P3

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NOT/WON'T

- No baby siting (不是保姆班)
- Wait for answer
- Teach you everything line by line
- Code everything without errors

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Prerequisite

- HTML
- CSS

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Today Lesson

- **Common HTML**
- **SEO**
- **Responsive**
- **Semantic HTML**
- **CSS**
- **Editor**
- **P1 / Assignment**

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HTML

- Common HTML Tags

p , h1-h6 , span , body , section ,address , div ,label , button , input , form ,a….

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Structure

Head

Body > div > section > h1-h6 > span

Foot

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H1 – H6

- Header
- Semantic HTML
- Represent the main heading/subject for the whole page
- Do not skip heading levels
- Should use in order

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Span

- Inline container used to mark up a part of a text, or a part of a document.
- Eg: sdfsdfhaha

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div

- **a containers of stuff**

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div vs section

- **div: a container**
- **section: a container with specific content**

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div vs span

- **div: more like a container**
- **span: decoration**

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a vs button

- **a : link to other pages**
- **button: action**

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BAD EXAMPLE

- **DIV EVERYWHERE**
- **All things use div**

```
<div class="nav">
  <div>
    <div>about</div>
    <div>thoughts</div>
  </div>
</div>
```

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Why needed so many HTML tags?

SEO

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SEO

Search engine optimization is the process of improving the quality and quantity of website traffic to a website or a web page from search engines

Search Engine: Google, yahoo, bing….etc

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How SEO

Semantic HTML: H1-H6, p, section, footer, header...etc
Non Semantic : div ...etc
MetaData Tag: Title, meta description...etc
Responsive : Support different screen size
Speed

- **Image:** Size, Too many images
- **Reduce API Requests**

More....

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Common HTML interview questions

Semantic HTML

MetaData Tag

SEO

Speed

- **Image:** Size, Too many images
- **Reduce API Requests**

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Recap

What are the common HTML ?
What is SEO ?
Relationship between HTML and SEO ?
What Semantic HTML ?
What is Responsive ?
HTML Interview questions

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Practices

Why Trade with ACY Securities?

Referred to as half Wall Street and half Silicon Valley, we are a tech-inspired multi-asset broker focused firmly on empowering you, our clients, with institutional-grade trading conditions, premium education and cut-through market analysis.

Open an Account

Superior Trading Conditions

Ultra-low cost of trading | Super-fast execution | Raw spreads

Personal Account Manager

Dedicated to providing you trading support

Cut-through Market Analysis

Morning & afternoon reports | Trade Ideas

True Multi-Asset Provider

FX | Indices | Commodities | Shares

Premium Educational Resources

Structured, customizable, bit-sized solutions

ASIC-Regulated

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CSS

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Prerequisite

- How to write CSS
- How to do responsive CSS
- Inline vs block elements

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CSS

COPY attributes

- Animation ,Box shadow, Border-radius, padding , margin , Font-size, color, background color

DON”T COPY (layout)

- flex , block, inline-block , float

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CSS Working Environments

- Figma
- AdobeXD
- Sketch

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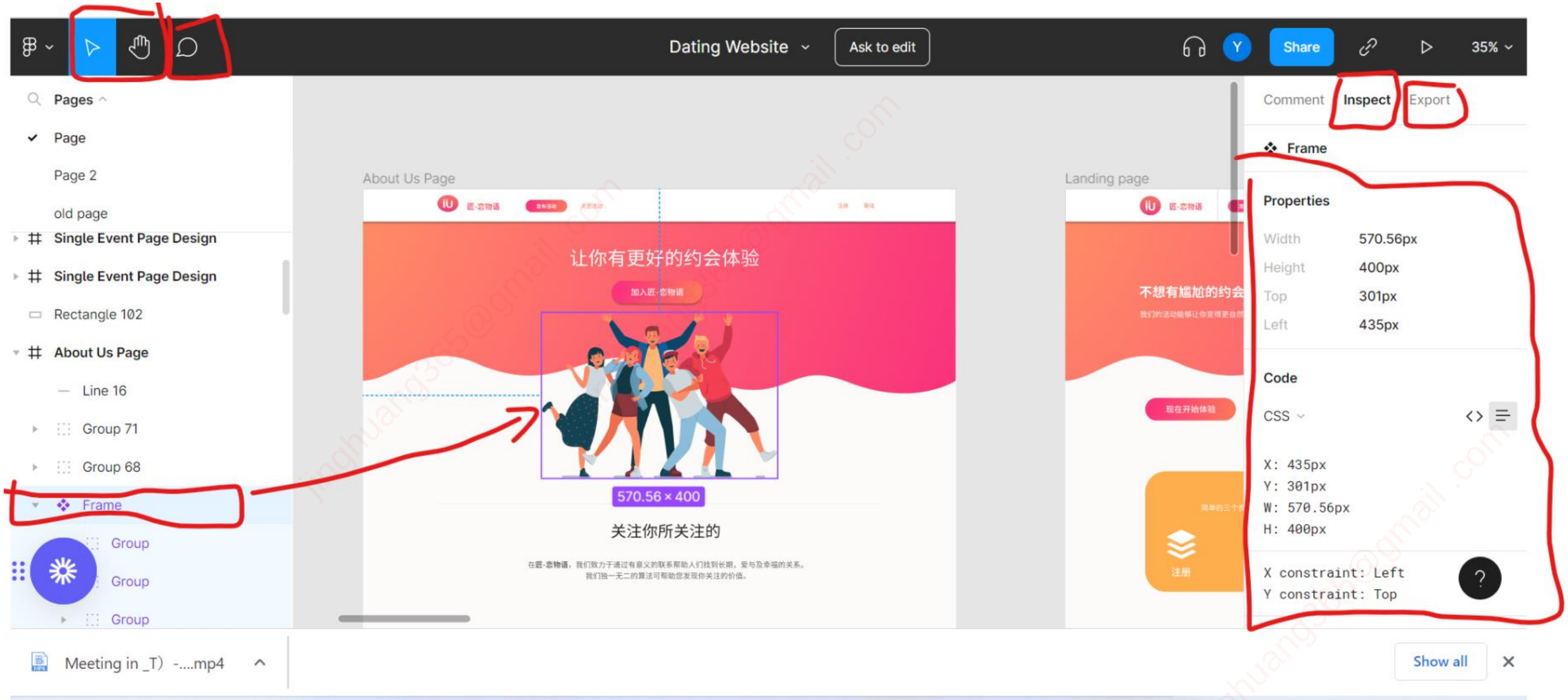
CSS(Figma)



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CSS Exercies

https://www.figma.com/file/4XMQESq03eAA0ADkgyMN7W/Dating-Website?node-id=145%3A0

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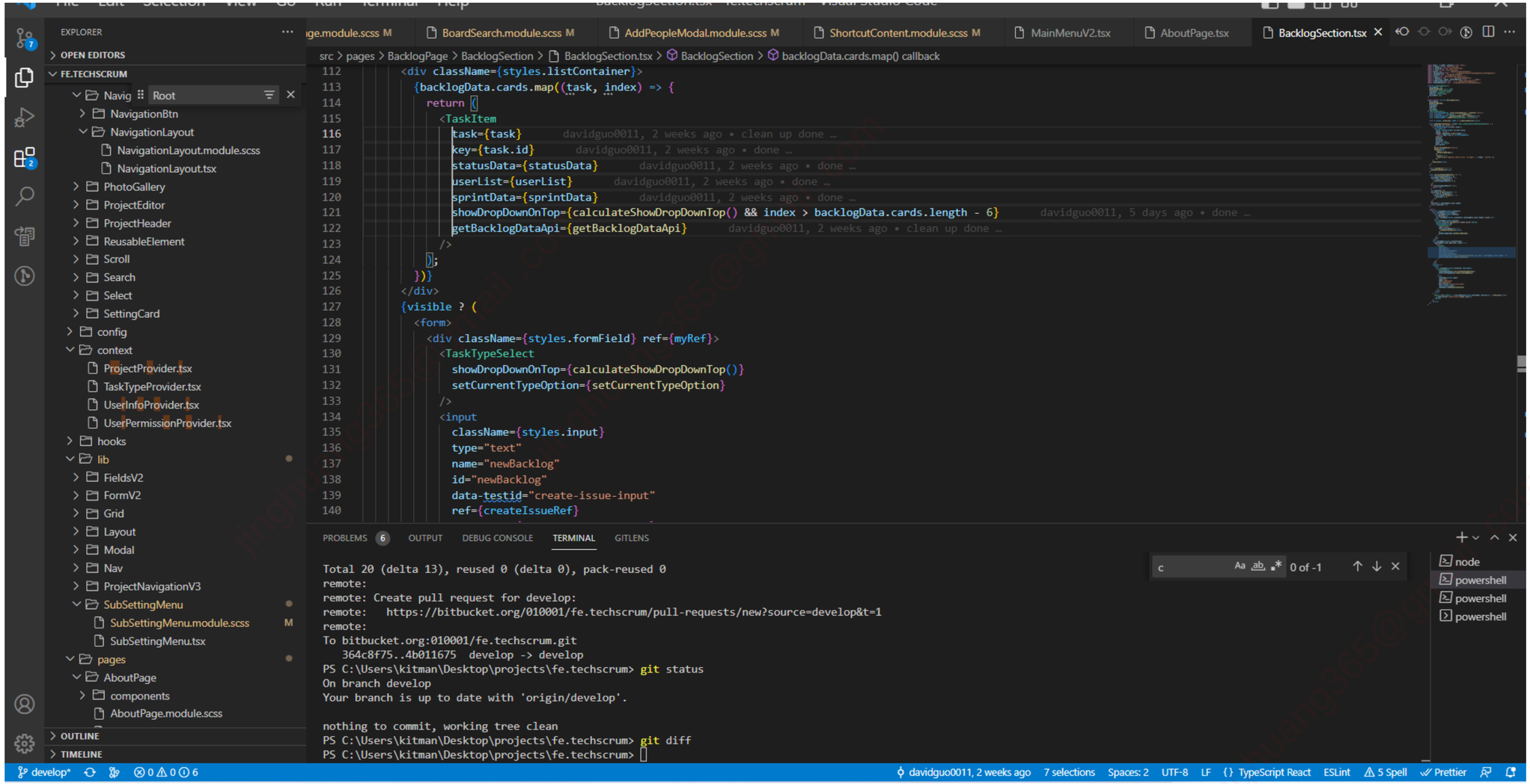
Editor



Editor

Editor Shortcuts

1. Auto format code
2. Create file
3. Copy, Cut,Paste,Select All
4. Duplicate Line
5. Open console
6. Git add, Git commit , Git push
7. Copy File Name
8. Save
9. Split Screen
10. Select Multi Line

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Assignment / Project

Assignment/Project 1 most important
Homework can be done later **START YOUR ASSIGMENT ASAP**

1.Basic HTML Layout
2.Copy design unless you are a designer
3.Will Review next week

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Requirements

Project One目的是要为Stakeholder(甲方) 做一款基础的个人/商用网站 静态网站，甲方可以是你的朋友，律师，PT，会计，设计师，小咖啡店，公司官网等。 主要目的锻炼基础的HTML，CSS，JavaScript，以及Sass，jQuery，Bootstrap等。可以添加付款，Schedule预约等功能扩展第一个项目的商业化。锻炼跟客户的交流能力。以及如何简单**部署**一个网站

做完Project one后可以放到简历里作为一项商业项目经验。

注意 不是为自己做网站，是要为**甲方**做网站

可以参考如何Host你的静态网站 https://pages.github.com/

注意事项

应对error message的几个步骤：

1. 详细阅读一下error message，看报错的内容是什么，是否和自己操作的步骤有关，你是否能从报错的内容中找到出错位置，以及出错原因
2. 如果自己无法理解错误信息，尝试提炼出error message中的关键语句，在google上搜索。这一步很重要。如果全盘复制error message，有可能会因为字符数太多而无法详细匹配到你要找的答案。所以如何精炼错误信息的同时又精准的找到网上的答案，也是锻炼搜索能力的重要一步
3. 尝试从google的搜索结果当中，逐一比较，是否和你的错误信息相关。如果是，可以尝试google提出的解决方案。通常情况下你找到的第一个不一定是能解决你问题的那个一个。有可能需要尝试五六个/六七个不同的方案，才最终能找到你想要的内容
4. 如果google上的内容也无法帮你解决问题，可以截图错误信息，注意截图中要包含你所跑的命令和详细的错误信息，发到群里，大家帮你参考。

https://github.com/australiaitgroup/jr-full-stack-projects

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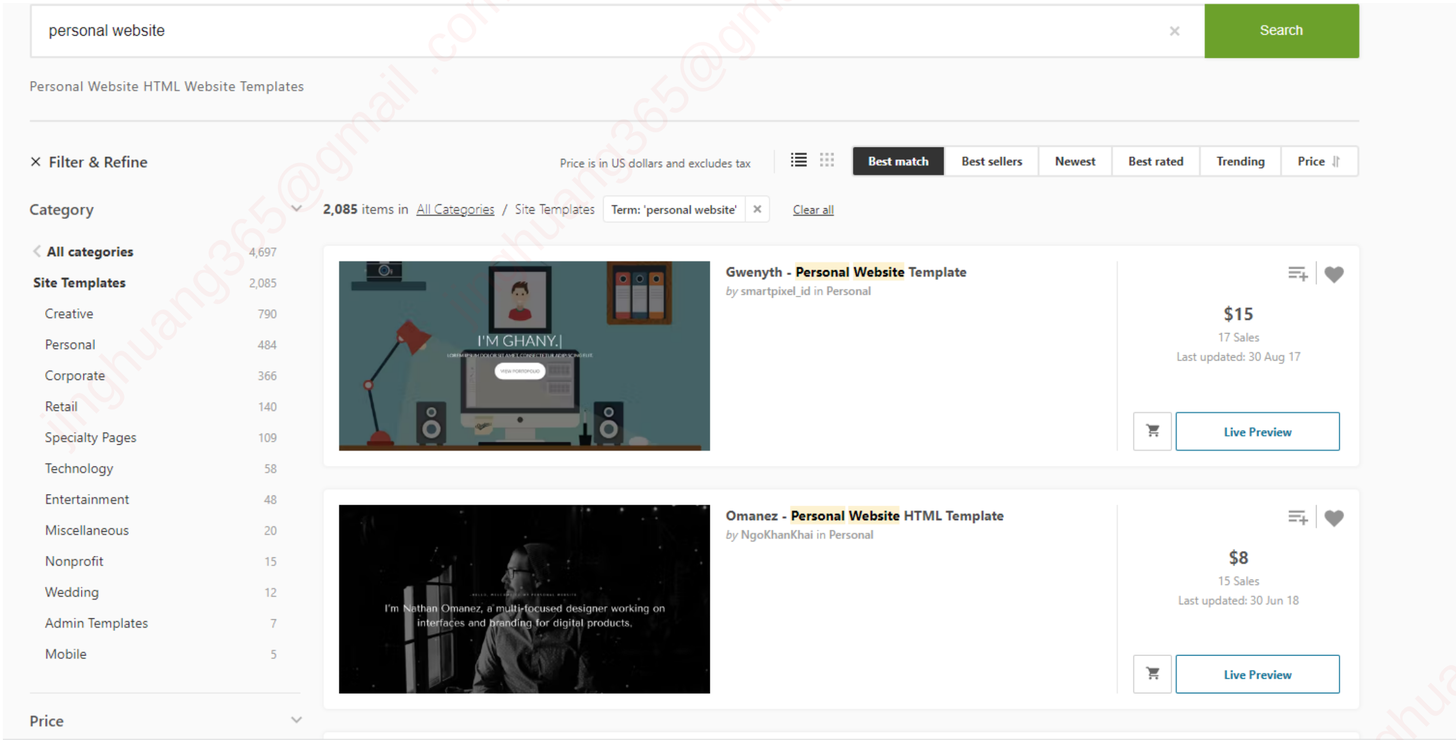
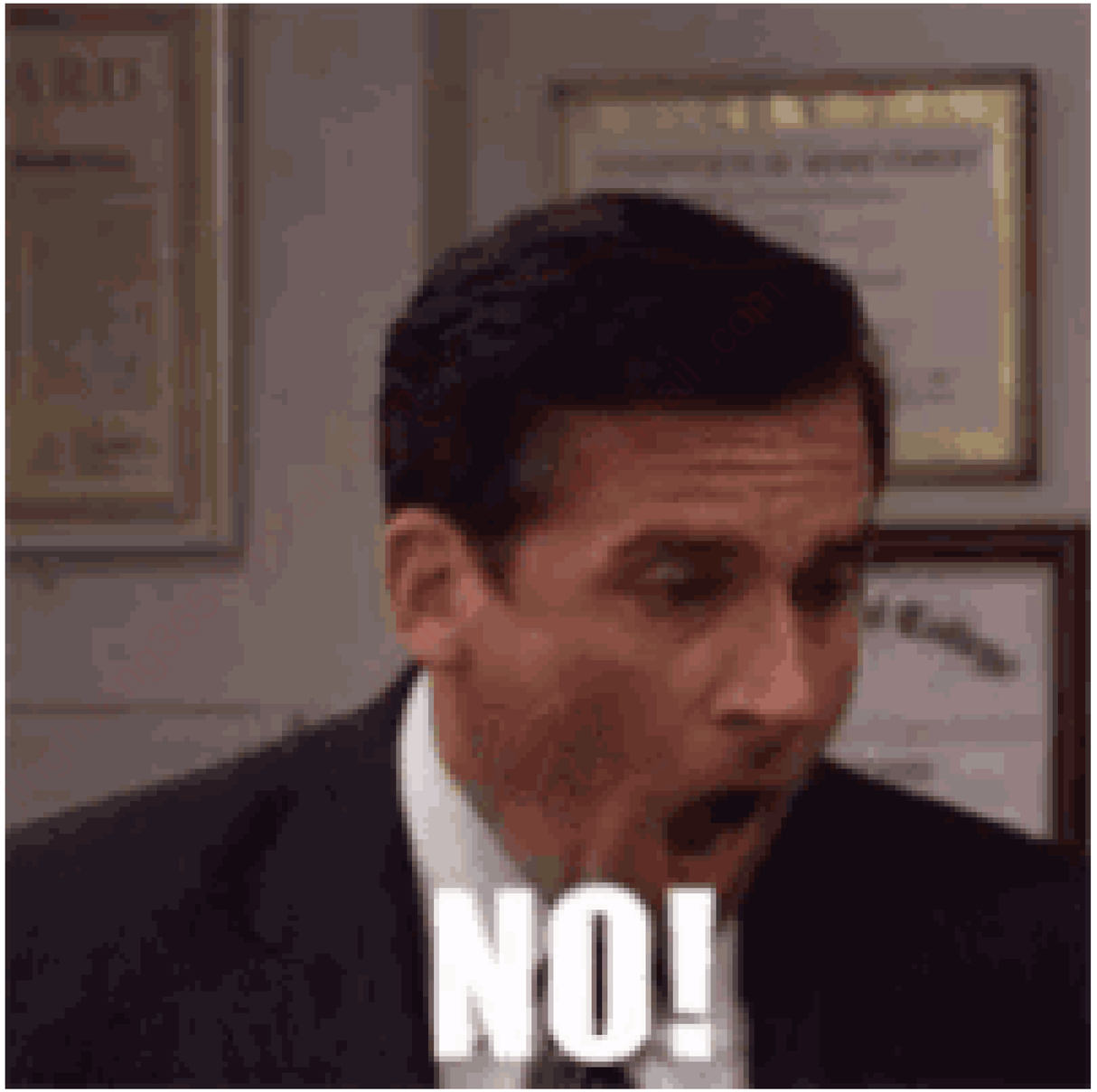
Design Reference

https://themeforest.net/category/site-templates?term=personal%20website





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SEE You Next Lesson

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