



### **Tutorial 1**

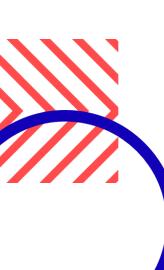
www.jiangren.com.au



### Intro

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

https://www.linkedin.com/in/kitman-yiu/





## Intro

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



## 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





### NOT/WON'T

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



# Prerequisite

- HTML
- CSS



# Today Lesson

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



### HTML

Common HTML Tags

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



## Structure

Head
Body > div > section > h1-h6 > span
Foot



## H1 - H6

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



# Span

- Inline container used to mark up a part of a text, or a part of a document.
- Eg: sdfsdf<span class="color-red">haha</span>



### div

a containers of stuff



# div vs section

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



# div vs span

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



## a vs button

- a: link to other pages
- button: action



### BAD EXAMPLE

- DIV EVERYWHERE
- All things use div



# Why needed so many HTML tags?

SEO





### 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





### 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....



# Common HTML interview questions

**Semantic HTML** 

MetaData Tag

**SEO** 

Speed

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



# Recap

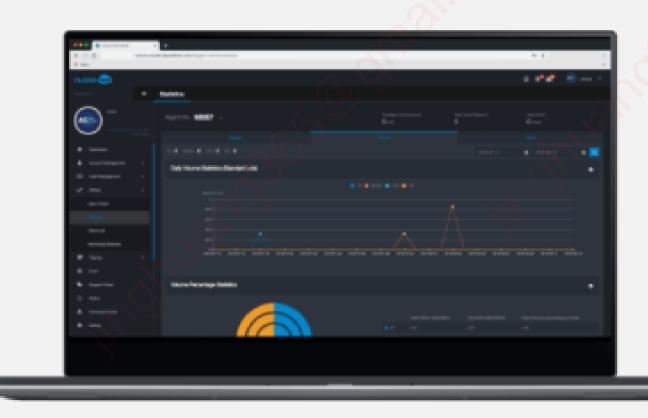
- What are the common HTML?
- What is SEO?
  - Relationship between HTML and SEO?
  - What Semantic HTML?
  - What is Responsive?
  - HTML Interview questions



### 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 | Superfast execution | Raw spreads



#### Cut-through Market Analysis

Morning & afternoon reports | Trade Ideas



#### Premium Educational Resources

Structured, customizable, bitsized solutions



#### Personal Account Manager

Dedicated to providing you trading support



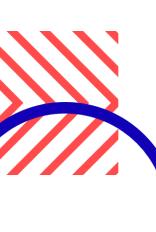
#### True Multi-Asset Provider

FX | Indices | Commodities | Shares



#### **ASIC-Regulated**

Headquartered in ACY Tower – Sydney





CSS



# Prerequisite

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



### CSS

### COPY attributes

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

### DON"T COPY (layout)

• flex , block, inline-block , float

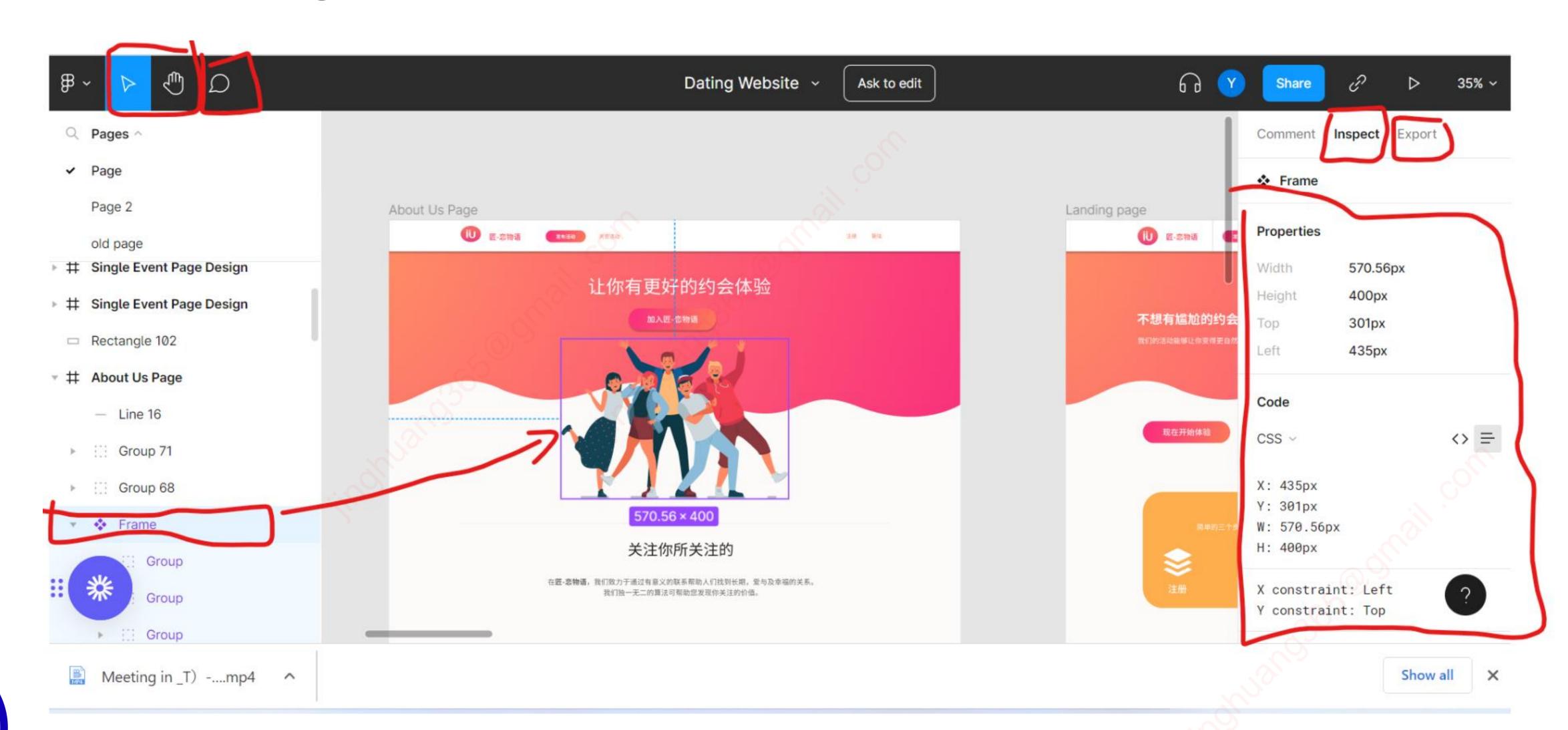


# CSS Working Environments

- Figma
- AdobeXD
- Sketch



# · · CSS(Figma)





### CSS Exercies

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







### Editor

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SubSettingMenu

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    □ SubSettingMenu.module.scss

                     SubSettingMenu.tsx
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                                                                                             364c8f75..4b011675 develop -> develop
              PS C:\Users\kitman\Desktop\projects\fe.techscrum> git status
                On branch develop
                 > 🖆 components
                                                                                        Your branch is up to date with 'origin/develop'.
                      AboutPage.module.scss
                                                                                        nothing to commit, working tree clean
辍
                                                                                        PS C:\Users\kitman\Desktop\projects\fe.techscrum> git diff
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## 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



# 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



# 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。

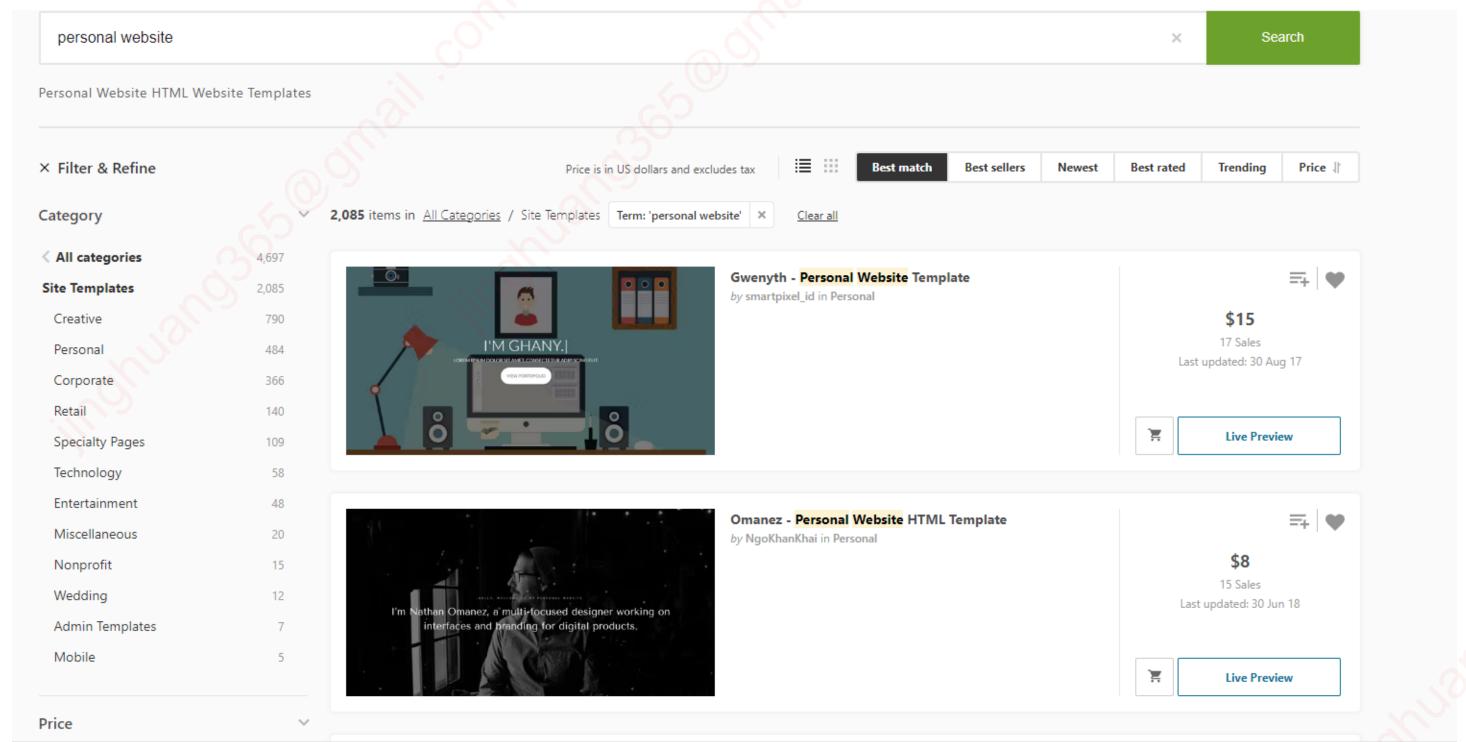






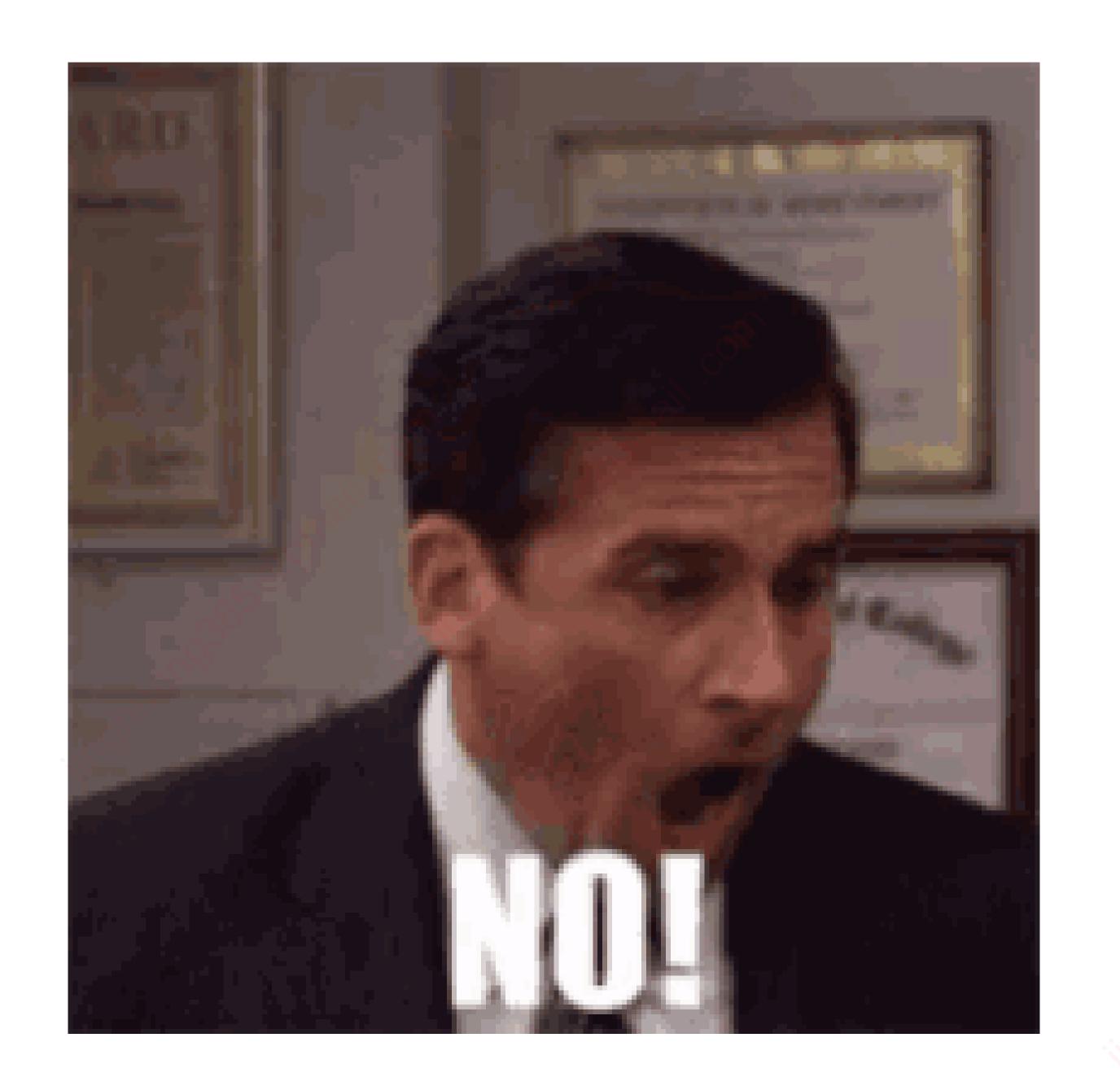
# Design Reference

https://themeforest.net/category/sitetemplates?term=personal%20website













# SEE You Next Lesson

