Step by Step HTML to WordPress

1- Initial wordpress Install

- Fresh install of wordpress
- Renamed wp-config-sample.php to wp-config.php
- Provided DB credentials in wp config
- Provided a DB prefix (I always do)
- Turned on debug flag (recommended in dev mode for theme developers)
- Created the database via phpMyAdmin
- Went through the wordpress install

2- Adding theme to directory

- Created the theme directory in wp-content/themes/
- Using the touch command created index.php, style.css and functions.php
- Using Awesome Screenshot chrome extension, captured screengrab of entire page
- Created and saved screenshot.png in the new theme folder
- Opened the style.css file, copied the comments block from current default WP theme and change the values
- From the admin interface navigated to Appearance ==> Themes
- New theme is visible with the proper screenshot and details
- Activated the newly created theme
- Home page went blank since index.php is empty
- Using the theme customizer added the tagline
- Output of blog title and description via wp method bloginfo()
- Temporarily add the future-html folder in theme root
- Change the way font-awesome is added to the site

3- Add all the files to the project

- Copy over index.html to index.php
- Analyse document and check where to start and stop header
- Cut out header and create header.php
- Cut out footer and create footer.php
- Cut out sidebar from index and create sidebar.php

4- Add styles and script

- font awesome added via cdn
- remove @import google fonts from main.css
- enqueue google font
- transfer main.css styles to style.css
- using getstylesheeturl add link to style

5- Removed all styles from header

- No need to use global for $wp_styles
- Use wp_style_add_data to add conditional comments around link tag
- Use wp_script_add_data to add conditinal comments around script tag
- Add html5-shiv if lte IE8 detected
- Add font-awesome and google font before main style
- Add main style
- Add IE9 styles if lt IE9 is detected
- Add IE8 styles if lt IE8 is detected
- Hook to the wp_enqueue_scripts action

6- Adding JS the wordpress way

- jQuery and many other files are available by default
- cover parameters in wp_enqueue_script and show we can specify script location
- properly add dependency for the script that need it
- add sidebar to main index file
- add footer via get_footer()
- add call to wp_footer to insert theme scripts in footer
- images will be broken fix by using wordpress posts and custom logo

7- Fix admin-bar header overlap

- turn on the wordpress body class using
- now we have access to very state classes such as admin-bar when it is visible
- add css rule to target .admin-bar #header and set top to 32px
- add a media query to target max-width of 782px and set top to 46px

8- It's loop time

- temporarily add images folder
- do a global match on sidebar and index for src="images/..."
- prepend /
- refresh

9- Dynamic loop

- check if have posts
- start loop with while have post and assign each iteration to the post
- use helpers to display:
- the title
- author name - the_author_meta('display_name')
- author avatar - get_avatar(get_the_author_meta('user_email'), 36)
- the_excerpt() for post summary
- the permalink() for single post URI
- get_the_category() to get the categories list
- echo get_category_link($categories[0]->term_id); ?> link to cat page
- add wp subtitle as a plugin to add the subtitle field
- use the_subtitle() in loop to show it
- next attack main post image

10- Post thumnail

- Add theme setup functin
- add support for post thumnail
- set a post thumnail size and a position
- add post image via edit interface
- replace image static markup with conditional post thumb check
- add a few more posts
- Rearranged the posts to match initial design

11- Single post

- Created single.php
- ==> removed pagination
- ==> removed sidebar
- Added is_single conditional in loop template
- Fix the permalinks structure to show catergory and post slug

12- Custom logo and dynamic sidebar

- Add support for custom logo in functions.php
- Open theme customizer and add logo don't forget to save
- add future_custom_logo function
- ==> use standard code and retrieve the image markup
- ==> add $image_url parameter to allow for image url extraction only

13- Site info

- replace main header title with bloginfo('name')
- replace slogan header with bloginfo('description')

14- Remove title tag and let WP handle it

- add theme support for it
- show before and after and how it affects other pages

15- Popular posts

- use sidebar popular (show how WP recognize template file)
- use secondary loop based on tag value
- introduction to WP Query and wp_reset_postdata

16- Post pagination and introduction to filters

- Use the next_posts_link and previous_posts_link functions
- Be sure to show that they return markup
- Introduce the filter concept and show how to add the proper classes

17- Menu and pages

- register the navigation menu first in theme setup
- create a few pages : about, portfolio, blog, contact
- add pages to menu
- fix page.php
- create additional page template page-portfolio
- Mostly adding cntent to pages
- No need for front page example
- No need for widget

19- A few challenges

- Build a secondary loop displaying recent posts, or posts with a certain tag
- Try to add the about page excerpt into the sidebar
- Topics for next series
    - ==> Custom front page
    - ==> Widgets: adding and creating
    - ==> Plugins: Recommended, create your first
    - ==> Localization -> get your theme translation ready
- Posts types
    - Defaults

- Create a custom post type
- Child Theme
- Preparing a theme for distribution
  - ====> Theme checklist
  - ====> Demo content
  - ====> Marketplaces
  - ====> Demo site and hosting