***Assignment 1-Hobby Website Report***

For Hobby website project, I create a home page featuring three hobbies and a "contact me" page, with link connecting each page. At the outset, I spent a considerable amount of time searching for images/videos and exploring color ideas for the website design. Implementing colors, flexbox, and grid layout took substantial effort.

In terms of HTML structure, I utilized <header>, <main>, and <footer> to maintain a clear structure. Additionally, <div> elements were employed, and the <nav> tag was used to create a navigation bar at the top of the page, providing clear indications of the navigational sections. This facilitates user interaction and makes navigation between sections more user-friendly. I used class selectors in CSS to group elements, allowing for easier styling. One external CSS file was organized with different 'class' styles for each page.

**Header part:**

I incorporated a profile picture (<img> tag) of my Disneyland nametag as a web icon to make my name easily recognizable. The profile picture is styled with "border-radius" for a circular shape, and "width" and "height" properties to achieve a nice and compact appearance. The navigation section includes emoji icons for each link (<a> tag), making the navigation bar visually interesting. CSS effects such as :hover and :active were applied, and flex properties (display: flex, margin, justify-content) were used for styling.

**Homepage's Main Section:**

The homepage's main section includes an introduction to my hobbies (<h2> & <p>), background information, and a personal introduction. An unordered list (<ul> & <li>) was used to list hobbies for readability.

**Travel Page's Main Section:**

The travel page introduces my travel experiences with a travel map (using "Google My Map" <img> tag) and a simple video (<video> tag set with controls). CSS properties like display: flex and justify-content: space-evenly were used to layout the travel page.

**Nintendo Games Page's Main Section:**

For the Nintendo Games page, I displayed images of games I frequently play (<img> tag), making them look like icons via CSS (display: grid and a gap of 3px between each image).

**Pin Trading Page's Main Section:**

The Pin Trading page includes a brief introduction (<p> tag), a table (<table>, <tr>, <th>, <td>) listing locations for pin trading, and a YouTube video (iframe) introducing the background of Disney pin trading. Flexbox was used with the direction set to row and space-evenly for a visually appealing layout.

**Contact Me Page's Main Section:**

The "Contact Me" page not only includes input fields for the first/last name and message but also features buttons for my social media profiles. Users can use these buttons to visit my Instagram or send me an email directly. CSS properties like flex-direction: column and align-items: center were used to keep everything centered on the page.

**Footer Part:**

The footer section features "Assignment 1 Information," displayed at the bottom with a background color of "rgba," modified for a transparency effect.

**Styling choices:**

Theme color ideas were inspired by various sources:

* - https://www.learnui.design/tools/data-color-picker.html
* - <http://zhongguose.com>
* [https://www.grabient.com/](https://www.grabient.com/" \t "https://github.com/users/FanZhuONC/projects/_blank)

I chose "GREEN" as theme color for the website due to the inclusion of "Kermit the Frog" on the homepage. Background color is (#a4cab6),font color is (#1a6840), (#fed71a) is for a:hover and a: active. Font-family choice 'Arial', sans-serif' and ‘FZShuTi’, for a clear and clean appearance.

These are some issues I encountered while building the website:

* “Contact me” page I tried so many times of display flex/grid, played with align-item/justify-content, flex-direction: column, everything stay in page center looks better than other layout. But when I play with css, realized it is difficult to achieve the desired layout with only a few amount of css knowledge; lots of times,after "completing" css, browser displayed is completely different from what I imagined. It makes me to spend tons of time searching, redo my works, then some things happened again...
* I extensively utilized HTML div, CSS flexbox for the overall webpage design. To ensure that each section moves to its appropriate position, constant adjustments were necessary. Although I selected what I think to be an appropriate color scheme, visually, I find it still not good enough. There are still many areas that needs to improve.

The preliminary testing on Chrome and MS Edge, both works fine. This website project still has many places that needs improvement. Such as layout design, theme development, and further learn more of CSS.