## IP-PRACTICAL NO 1

**Date of Performance** : 09 - 08 - 2022

**Software Requirement**: Visual Studio Code, NotePad, NotePad++.

Aim: To implement HTML 5 Tags

**Objectives**: The aim of this experiment is that the students will be able

To Know the HTML 5 structure to write code.

Read & Understand the HTML 5 tags type & their purpose.

Outcomes: After study of this experiment, the students will be able

Write a code to design a static web page

• Observe output in browser & accordingly modify code for better look.

**Prerequisite:** Basic knowledge of earlier versions of HTML required.

#### Theory:

#### What is HTML & its Structure?

O HTML is an acronym which stands for Hyper Text Markup Language which is used for creating web pages and web applications. HTML is the standard markup language for creating Web pages. It describes the structure of a Web page. HTML elements tell the browser how to display the content.

#### HTML DOCUMENTS STRUCTURE

HTML used predefined tags and attributes to tell the browser how to display content, means in which format, style, font size, and images to display. Html is a case insensitive language. There are generally two types of tags in HTML –

- Paired Tags: These tags come in pairs. That is they have both opening(< >) and closing(</ >) tags.
- Empty Tags: These tags do not require to be closed.

#### Structure of an HTML Document

An HTML Document is mainly divided into two parts -

- HEAD: This contains the information about the HTML document. For Example, the Title of the page, version of HTML, Meta Data, etc.
- BODY: This contains everything you want to display on the Web Page.

## Differences between HTML 4 & HTML 5

HTML4	HTML5		
It is the fourth iteration of HTML.	It is the fifth iteration of HTML – an update over HTML4.		
Lengthy Doctype declaration: HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"  "http://www.w3.org/TR/html4/strict.dtd "	Simple Doctype declaration: html		
These tags are not available in HTML4.	Comes with new HTML tags, including <audio>, <video>, <header>, <footer>, <canvas>, <article>, and more.</article></canvas></footer></header></video></audio>		
Multimedia supporting tags are not available.	Multimedia supporting tags are available.		
Difficult for developers to handle inaccurate syntax errors.	It can handle inaccurate syntax errors.		
To store important data on the clientside, the browser's cache is used.	HTML5 uses the web SQL database, web storage, and application cache to store offline data that can be accessed through HTML5's JavaScript interface.		

# Description about Tags list supported by HTML 5

Tag Name	Description			
Meta Tags				
	This tag is used to specify the version of HTML			
<body></body>	It is used to define the body section of an HTML document			
<head></head>	It defines the head section of an HTML document			
<html></html>	It represents root of an HTML document			
<style></td><td colspan=4>It is used to contain style information for an HTML document</td></tr><tr><td><title></td><td>It defines the title or name of an HTML document</td></tr><tr><td></td><td></td></tr><tr><td>Unclosed Tags</td><td></td></tr><tr><td></td><td>It is used to apply single line break</td></tr><tr><td><hr></td><td>It is used to apply thematic break between paragraph-level</td></tr><tr><td></td><td>elements</td></tr><tr><td></td><td></td></tr><tr><td>Formatting Tex</td><td>t Tags</td></tr><tr><td><abbr></td><td>It defines an abbreviation for a phrase or longer word</td></tr><tr><td><b></td><td>It is used to make a text bold</td></tr><tr><td><del></td><td>It defines a text which has been deleted from the document</td></tr><tr><td><em></td><td>It is used to emphasis the content applied within this element</td></tr><tr><td><h1> to <h6></td><td>It defines headings for an HTML document from level 1 to level 6</td></tr><tr><td><i>></td><td>It is used to represent a text in some different voice</td></tr><tr><td><ins></td><td colspan=3>It represent text that has been inserted within an HTML document</td></tr><tr><td></td><td colspan=3>It represents a paragraph in an HTML document</td></tr><tr><td><</td><td>It defines short inline quotation</td></tr><tr><td><small></td><td>It is used to make text font one size smaller than document's base font size</td></tr><tr><td><strong></td><td colspan=2>It is used to define important text</td></tr><tr><td><sub></td><td>It defines a text which displays as a subscript text</td></tr><tr><td><sup></td><td>It defines a text which represent as superscript text</td></tr><tr><td></td><td></td></tr><tr><td>Link Tags</td><td></td></tr><tr><td><a></td><td>It is termed as anchor tag and it creates a hyperlink or link</td></tr><tr><td></td><td></td></tr><tr><td>List Tags</td><td></td></tr><tr><td><dd></td><td>It is used to provide definition/description of a term in description list</td></tr></tbody></table></style>				

<dl></dl>	It is used to define a description list			
<dt></dt>	It is used to define a term in description list			
<li><li>&lt;</li></li>	It is used to represent items in list			
<ol></ol>	It defines an ordered list of items			
<ul><li><ul></ul></li></ul>	It defines unordered list of items			
Table Tags				
	It is used to present data in tabular form or to create a table within HTML document			
>	It is used to define cells of an HTML table which contains table data			
	It defines the head cell of an HTML table			
	It defines the row cells in an HTML table			
Multimedia Ta	ngs			
<audio></audio>	It is used to embed sound content in HTML document			
<embed/>	It is used as embedded container for external file/application/media, etc.			
<img/>	It is used to insert an image within an HTML document			
<object></object>	It is used to embed an object in HTML file			
<video></video>	It is used to embed a video content with an HTML document			
Semantic Elem	nent Tags			
<article></article>	It defines the self-contained content			
<aside></aside>	It defines content aside from main content. Mainly represented as sidebar			
<details></details>	It defines additional details which user can either view or hide			
<figcaption></figcaption>	It is used to add a caption or explanation for the <figure> element</figure>			
<figure></figure>	It is used to define the self-contained content, and mostly refer as single unit			
<footer></footer>	It defines the footer section of a webpage			
<header></header>	It defines the header of a section or webpage			
<main></main>	It represents the main content of an HTML document			
<mark></mark>	It represents a highlighted text			
<nav></nav>	It represents section of page to represent navigation links			
<section></section>	It defines a generic section for a document			
<summary></summary>	It defines summary which can be used with <details> tag</details>			
<time></time>	It is used to define data/time within an HTML document			

#### **Problem Statement:**

Design a web page which includes following tags: -

Formatting Text, Lists, Tables, Multimedia, Semantic Elements

#### Source Code:

## IP1.html:

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>The K-Drama Renaissance</title>
</head>
<style>
   p{
       font-family: Arial, Helvetica, sans-serif;
   }
   ol{
       color:darkslategray;
   }
   table,
       th,
       td {
           padding: 15px;
           border: 1px solid black;
           border-collapse: collapse;
       }
</style>
<body style="font-family:Garamond; background-color:mistyrose;">
    <h1 style="text-align: center;">The K-Drama Renaissance</h1>
    <b style="font-family: Baskerville;">How
South Korean entertainment took over your TV.</b>
    <strong><a href="https://en.wikipedia.org/wiki/South_Korea">South
Korea</a></strong> has quietly become Hollywood's biggest competitor, churning
out wildly popular music, TV dramas, and beauty
   and fashion trends with global appeal.
    When the pandemic brought international travel to a halt and forced the
nation to shelter in place, many leaned on
   entertainment to explore the world beyond the confines of their homes. And
perhaps no country has shone brighter in the
```

global spotlight over the past year and a half than South Korea.

K-pop artists such as <strong>BTS</strong> and <strong>Blackpink</strong>
became household names as people spent more time online. Korean food

exports—greatly boosted by social media posts from Asian celebrities and the <del>popularity </del><ins>fame</ins> of the film Parasite—hit a

record high, with the U.S. becoming the top importer of Korean food in 2020, while Korean food trends like <a

href="https://en.wikipedia.org/wiki/Ramen">ramen</a> and

<a href="https://en.wikipedia.org/wiki/Dalgona\_coffee">dalgona</a> coffee
provided welcome quarantine distractions. And as viewers ran out of shows to
watch, many of them stumbled

upon Korean dramas-and have been hooked ever since.

<img src="BTS.jfif" alt="BTS" width="220" height="190">

<img src="Ramen.jfif" alt="RAMEN" width="230" height="190">

<img src="blackpink.jfif" alt="BLACKPINK" width="260" height="190">

<img src="Dalgona.jfif" alt="DALGONA" width="240" height="190">

<img src="Parasite.jfif" alt="PARASITE" width="200" height="190"><hr>

For the unacquainted, Korean dramas—<small><em>K-dramas</em></small> for short—are South Korean scripted TV shows. Sometimes they're referred to

as Korean soap operas, but that description is misleading because K-dramas actually encompass a <i>wide range of genres</i>,

from sci-fi and romance to horror and period pieces and everything in between. Most consist of a finite number of episodes (often between <i>16 and 24</i>, though some—especially family-oriented and

historical dramas—run for 50-plus) and are usually completed in a <mark style="background-color:cadetblue;">single season</mark>, with a few notable exceptions (more on

that later).

K-dramas are generally known for having <q>high production value, intense and often engrossing storylines, and quality

acting that helps build an emotional connection between the characters and the audience</q>. They also tend to consist of

more <b>PG-friendly</b> fare than western TV shows, rendering K-dramas more palatable for a wider range of age groups and countries,

especially those that are more socially conservative. At the same time, the <mark style="background-color:cadetblue;">bold and skillful storytelling</mark> with which K-dramas

<q>tackle societal issues, personal struggles, and universal themes such
as family, friendship, and love</q> make for thoughtful

content that resonates with audiences across geographical borders. To put it plainly, K-dramas make us feel less alone and

often successfully tap into our shared human experiences and emotions.
They're also somewhat interactive.Korean creators still make dramas day by day,
says <em><a

href="https://en.wikipedia.org/wiki/Dal\_Yong\_Jin">Dr. Dal-Yong Jin</a>, a
 communications professor at <a href="https://www.sfu.ca/">Simon Fraser
University</a></em> and one of the world's leading scholars on Korean pop
culture. If

ratings are low, the shows creators will change the plot, and if ratings are high, they might decide to extend the  $\,$ 

number of episodes from, say, 16 to 24, Jin explains. This helps ensure that the series in question is well-received by

audiences, but also means that episodes are often shot and edited the same week they're aired.

<br>

<video width="500" height="300" controls style="margin-left: auto;
margin-right:auto; display: block;">

<source src="https://www.youtube.com/watch?v=LYicx-uyyvM"
type="video/mp4">

Your browser does not support the video tag.

</video>

<i>Video Source:YouTube</i><hr>

<h2>GENRES</h2>

<d1>

<dt><b>Action</b></dt>

<dd>- Action genres bring the most excitement and thrill to dramas in
Korea. This genre is also often paired with the crime

genre and keeps the viewers hooked during intense fighting scenes.

- Lead characters in this genre usually go against antagonists who are more powerful than them. Thus, making their

victories even more satisfying. <br>

- If you're into this type of drama, we recommend the K-dramas Vagabond, Healer, Beyond Evil, and the most recent one,

Vincenzo.</dd>

<br>

<dt><b>Historical</b></dt>

<dd>- This genre is also known as 사극 (sageuk), which refers to
historical films and series. Historical dramas are special

because they show the viewers a lot about Korean culture and history.  $\ensuremath{\boldsymbol{\mathsf{chr}}}\xspace$ 

- Over time, historical genres evolved and incorporated modern drama styles, making them more appealing to younger

audiences. <br>

- Moon Embracing the Sun, Six Flying Dragons, Queen Seondoek, Mr.Sunshine, and Moon Lovers: Scarlet Heart Ryeo

are just some of the popular dramas in this genre.</dd>

<br>

<dt><b>Romance</b></dt>

<dd>- We mainly think of love and happy endings when a romance genre
is mentioned. Korean dramas often incorporate other

genres like comedy, melodrama, fantasy, or even action in romantic series. This gives the romance a twist and creates

depth in the story. <br>

- The highest-rated Korean drama, The World of the Married, also falls under this genre. You can also check out these

high-rating romantic dramas: While You Were Sleeping, Weightlifting Fairy Kim Bok Joo, Descendants of the Sun, and Crash

Landing On You.</dd>

<br>

<dt><b>Legal</b></dt>

<dd>- Similar to medical dramas, legal dramas are also educational but
in the field of law, Characters portrayed in the lead

roles are often lawyers or prosecutors trying to find justice amidst the corruption and unfair treatment in Korean

society. <br>

- If this piques your interest, you can start by watching legal K-dramas Devil Judge, Lawless lawyer, Law

School, or Suits which is a Korean remake of the American series of the same title.</dd>

<br>

<dt><b>Fantasy</b></dt>

<dd>- Dramas with supernatural and fantasy elements bring anticipation
to the audience because anything can happen in a

fantasy world! The scenes that don't happen in real life become a
reality for the characters. <bre>

- Some popular fantasy Korean dramas feature supernatural beings like ghosts, goblins, mermaids, and aliens. A Korean

Odyssey, Guardian - The Lonely And Great God, The Legend Of The Blue Sea, and My Love From The Star are some of the best

fantasy K-series we recommend. <br>

- One of the most recent additions to this genre is the Tale of the Nine-Tailed starring Lee Dong Wook and Jo Bo Ah.</dd>

<br>

<dt><b>Thriller</b></dt>

second counts, and you need to have your eyes glued to the screen.

- Thriller dramas usually go together with horror or action genres where many things are going on. There will constantly be a feeling of suspense and anticipation as scenes

are heading towards the climax. <br>

```
- The series Kingdom, Save Me, Defendant, and Extracurricular are ones
you can start with. Before you do so, if it helps,
       it's best to expect jump scares and ominous background music!
       </dd>
       <img src="Thriller.jfif" width="300" height="200" style="margin-left:</pre>
auto; margin-right:auto ; display: block;">
   </dl><hr>
   <h2>Highest rated K-dramas of 2022</h2>
   How many of these top-rated K-dramas of 2022 have you watched? <br>
   What makes a good K-drama? On point casting, quality acting, high
production value, and more importantly, skilful
   storytelling with engrossing storylines that reel you right in. The K-
drama audience also loves when the content
   resonates with them and they can build an emotional connection with the
characters-even long after the final episode.
   Here are the 10 highest-rated K-dramas of 2022 so far.
<01>
       Extraordinary Attorney Woo
       Twenty-five, twenty-one
       A Business Proposal
       Through the darkness
       Tomorrow
       My liberation notes
       Again my life
       The sound of magic
       Shooting stars
       Eve
   <embed src="EOAW.jfif" width="200" height="280">
   <embed src="2521.jfif" width="200" height="280">
   <embed src="ABP.jfif" width="200" height="280">
   <embed src="Tomorrow.jfif" width="210" height="280">
   <embed src="eve.jfif" width="210" height="280">
   <embed src="SOM.jfif" width="200" height="280">
   <hr>
   <h2>20 Best K-Dramas From The Past Decade</h2>
   From 2012 until now, we have been blessed with the likes of some crazy
hit K-dramas that will forever be engrained in
   our hearts. Mind you, this list was almost impossible to narrow down, but
here are just 20 of the best K-dramas from
   the past decade.
   <l
       Crash Landing on you.
       Descendants of the sun.
```

```
Hometown Cha-Cha-Cha.
      Mr. Queen.
      Goblin.
      Happiness.
      Boys over flowers.
      Reply 1988.
      The heirs.
      My love from the star.
      Vincenzo.
   <br>
   <audio controls>
      <source src="Goblin.mp3" type="audio/mp3">
      Your browser does not support the audio element.
   </audio>
   <br>
   <br>
   <object width="45%" height="350px" data="vincenzo.gif"></object>
   <i>GIF Source: https://tenor.com/view/vincenzo-kdrama-song-joong-ki-gif-
20916248</i>
   <object width="45%" height="350px" data="chachacha.webp"></object>
   <br>
   <i>GIF Source: https://metro.style/culture/film-and-tv/13-moments-that-
make-hometown-cha-cha-cha-unforget/32006</i>
   <br>
   <h2>Websites you can watch K-dramas on.</h2>
   Name
         Link
      Dramacool
         <a href="https://dramacool.sr/">https://dramacool.sr/</a>
      Kissasian
         <a href="https://kissasian.li/">https://kissasian.li/</a>
      Netflix
href="https://www.netflix.com/in/">https://www.netflix.com/in/</a>
      Solar movies
```

}

```
<a href="https://solarmovies.video/country/south-korea-
135">https://solarmovies.video/country/south-korea-135</a>
       Hulu
          <a
href="https://hulu.tv/3KdIe89">https://hulu.tv/3KdIe89</a>
       Viki
          <a href="https://www.viki.com/">https://www.viki.com/</a>
       YesMovies
          <a
href="https://yesmovies.at/home">https://yesmovies.at/home</a>
       <br>
</body>
</html>
IP1a.html:
<!DOCTYPE html>
<html lang="en">
<head>
   <meta charset="UTF-8">
   <meta http-equiv="X-UA-Compatible" content="IE=edge">
   <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Netflix and k-dramas</title>
   <style>
       .all {
          margin: 0;
          padding: 5px;
          background-color:mediumpurple;
       }
       .all>h1,
       р,
       .sec {
          margin: 10px;
          padding: 5px;
       }
       .sec {
          background: burlywood;
```

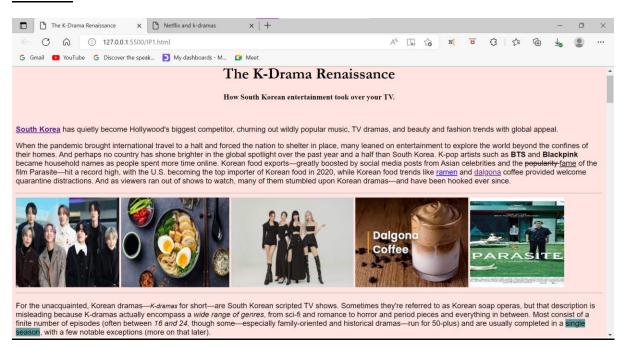
```
aside{
           width: 20%;
           padding-left: 15px;
           margin-left: 15px;
           float: right;
           font-style: oblique;
           background-color: lightpink;
    </style>
</head>
<body style="font-family:Cambria; background-color:lightblue;">
    <main>
       <header>
           <h1 style="font-family: Lucida Sans;">K-dramas on Netflix</h1>
           <nav>
               <a href="IP1.html">K-drama Renaissance</a>
           </nav>
       </header>
       <br><hr>
       K-dramas on Netflix are dubbed and subbed in over 30 languages.
       A spokesperson at Netflix revealed that viewing of Korean content
across Asia increased fourfold in 2020 compared to
       2019. Notably, the blockbuster rom-com Crash Landing on You stayed in
the top 10 in Japan for a whopping 229 days and
       was the sixth most-watched TV show on Netflix in the U.S. between
21<sup>st</sup> March and 27<sup>th</sup> March, 2020. <br/> Audiences fell in
love
       with It's Okay to Not Be Okay, which entered the Netflix top 10 last
year in Canada, Australia, New Zealand, Nigeria,
       and Russia, as well as multiple countries in Latin America and Asia.
The horror K-drama Sweet Home was watched by 22
       million subscribers in its first four weeks on Netflix and was ranked
#3<sub>#</sub> on the platform in the U.S. and globally
       shortly after its release.
       <hr>>
       <aside>
           Interesting
Fact
           The first k-drama aired in 1956!
       </aside>
       <hr>>
       <article class="all">
           <h1>Influence and reach of K-dramas.</h1><br>
           Back in 2014, the Korea Creative Content Agency (KOCCA)
released a study estimating that approximately 18 million
           Americans watched K-dramas. One can only assume that figure is
much, much higher now.
```

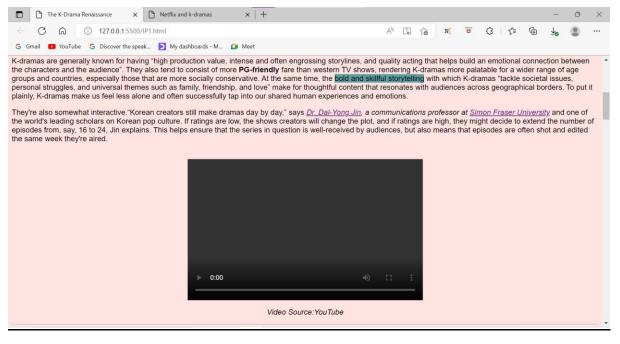
```
<figure>
                <img src="SYJ.jpg" width="300" height="250" title="Son Ye Jin</pre>
in Crash landing on you.">
                <figcaption><i>Son Ye-jin plays South Korean entrepreneur and
heiress Yoon Se-ri in Crash Landing on You. <br>
                NETFLIX</i></figcaption>
            </figure>
            <br>
            <section class="sec">
                The K-drama craze has indeed hit a fever pitch, reaching
even the most isolated places in the world like North Korea,
               where bootleg copies of South Korean dramas have been smuggled
into the country since the 1990s and Korean pop culture
                is now viewed as a growing threat to Kim Jong-un's power.
            </section>
            <section class="sec">
                K-dramas have also dramatically (no pun intended) boosted
tourism to South Korea, with a 2017 Korea Tourism Organization
                survey finding that roughly half of foreign tourists in South
Korea decided to visit the country after watching Korean
                dramas and films. Filming locations of hit K-dramas have
become popular tourist destinations in South Korea
            </section>
            <section class="sec">
                And it seems the global popularity of K-dramas will only
continue to grow. Currently, K-dramas on Netflix are dubbed and
                subbed in over 30 languages, including English, German,
French, Swedish, Hindi, Portuguese, and Bahasa Indonesia. The
                entertainment powerhouse announced earlier this year that it
is investing $500 million in Korean content in 2021.
            </section>
            <section class="sec">
                As K-dramas continue to attract audiences far and wide,
will the increased globalization impact the way they're made in
                the future? The popularity of American crime dramas like CSI
in South Korea has seemingly led to similar fare, such as
               Stranger and Voice, both of which were huge successes with
domestic audiences.
            </section>
        </article>
        <br>
        <details>
            <summary>View also</summary>
            <l
                <a href="https://www.elle.com/beauty/a37318406/k-beauty-
```

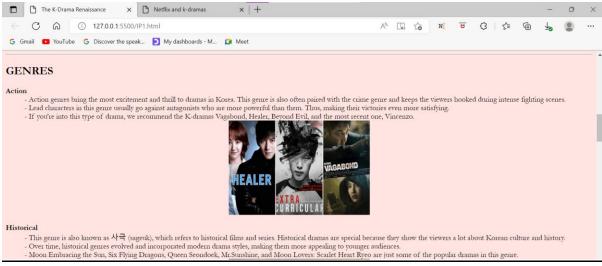
skincare-beauty-surgery-doc/">How K-beauty took over the world.</a>

#### Output:

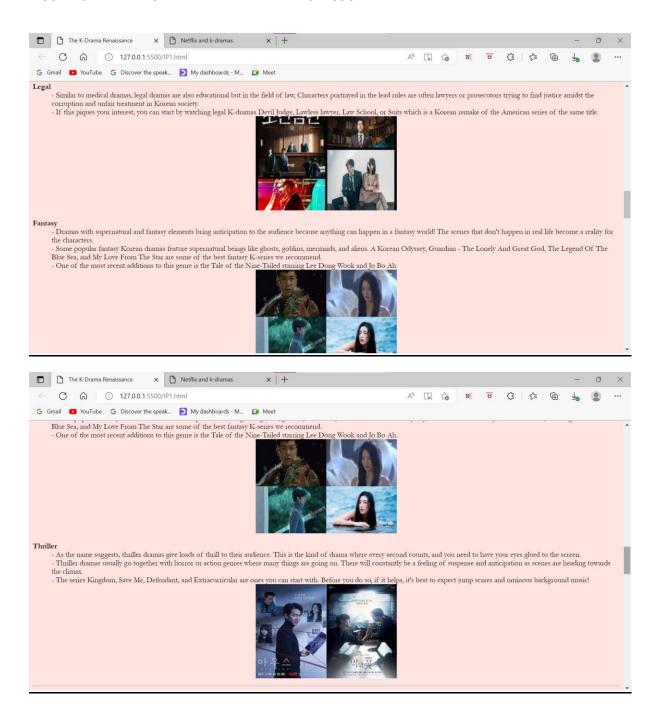
### IP1.html:

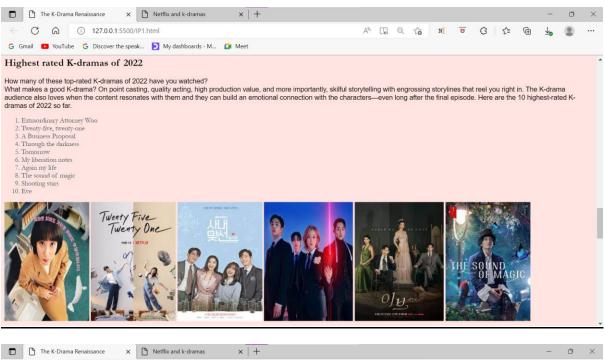


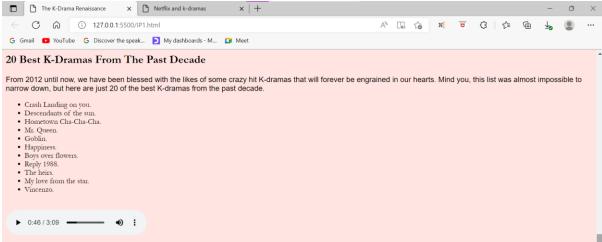


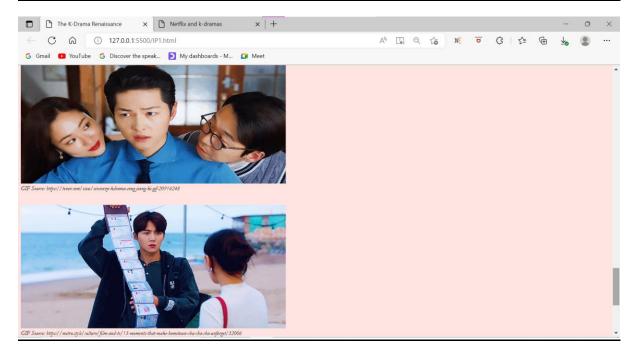


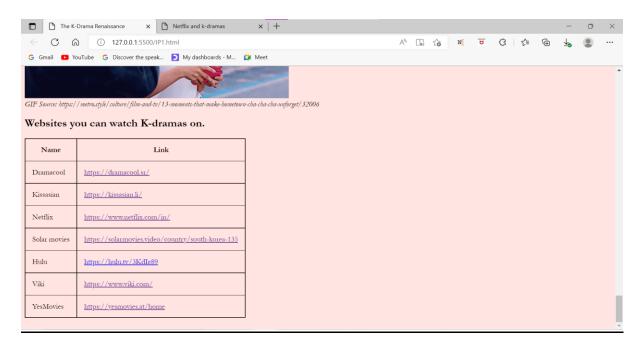




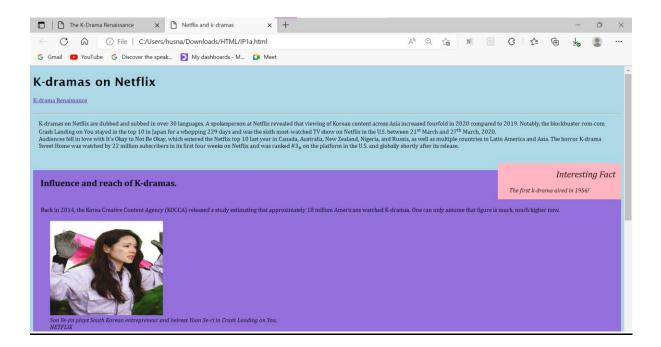


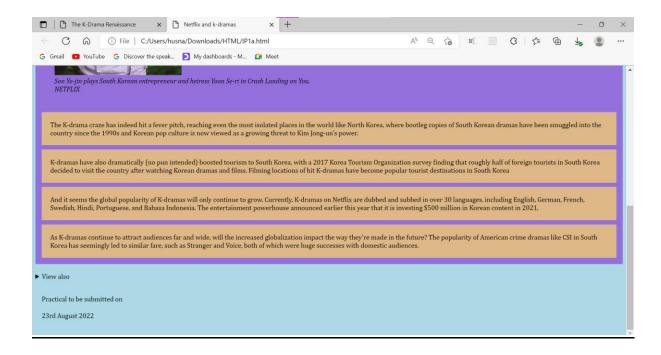






## INP1a.html:





#### **Conclusion:**

From the above experiment, we learned the difference between HTML4 and HTML5. Many new tags have been introduced in HTML5 which were previously not available such as semantic tags, audio tag, video tag, etc. We learned to create web pages using HTML5.

Performance : 7M	Output : 5M	Orals : 3M	Total: 15M	Faculty Sign