Practicum

1. Name of Practicum: Static HTML webpage

Developing a static HTML page using basic HTML elements, lists, tables, formatting, and image elements is a fundamental skill in web development that plays a crucial role in building structured and visually informative websites.

2. Procedure:

- 1. Begin with the HTML Declaration and Structure
- Start with `<!DOCTYPE html>` to define the document type, then wrap content inside `<html>`, `<head>`, and `<body>`.
- 2. Define Page Identity
 - Set the page's name using '<title>' and add a favicon with 'k rel="icon">'.
- 3. Apply Visual Styling
- Use the 'bgcolor' property in '<body>' for background color and '' to specify text color and typeface.
- 4. Organize Content with Headings
 - Structure your sections using heading tags like '<h1>', '<h2>', and '<h3>'.
- 5. Embed Media Elements
- Integrate sound using '<audio>', display pictures with '', and add motion with '<video>'.
- For galleries, use `<figure>` to group images and `<iframe>` for external video embeds.
- 6. Arrange Information in Tables
- Present data systematically with '', using '' for rows, '' for headers, and '' for cells.
- 7. List Items and Steps
- Use `` for bullet points, `` for numbered instructions, and `` for each entry.
- 8. Create Navigation and References
 - Link to other resources or pages using '<a>'.
- 9. Mark Sections and Footer
- Use '<header>' for introductory content and '<footer>' for closing notes or credits.
- 10. Center and Align Elements

- Employ '<center>' or alignment attributes to position text or images.
- 11. Show Edits or Humor
 - Use '' to cross out words for emphasis or fun.
- 12. Ensure Proper Tag Closure
 - Double-check that every tag is correctly opened and closed for valid markup.

3. Actual Resources used:

Sno	Name of Resource	Broad Specification	Quantity	Remark (if any)
1.	Operating system	Windows 11 Home Single Language	1	(II willy)
<u>2.</u>	Programming Language	HTML(Hyper text Markup Language)	1	
<u>3.</u>	Software development kit	Not Applicable		
<u>4.</u>	Libraries	Not Applicable		
<u>5.</u>	Graphics/Animation tool	Not Applicable		
<u>6.</u>	Front End tool	VS code, Browser(Microsoft Edge)	1 each	
<u>7.</u>	Back End tool	Not Applicable		
<u>8.</u>	Virtual lab	Not Applicable		
<u>9.</u>	Specific Hardware	Not Applicable		·
<u>10.</u>	Simulation/Emulation tool	Browser(Microsoft Edge)	1	

4. Actual Procedure Followed:

Planning & Requirements Gathering

- Identified the purpose of the webpage
- Listed the required features.
- Chose the theme, layout style, and color scheme.

Setting Up the Development Environment

- Installed/used a code editor (VS Code).
- Created a project folder and subfolders for HTML and images.

Designing the Structure

- Wrote the basic HTML skeleton.
- Added headings, paragraphs, images, and hyperlinks as per the design.

Testing & Debugging

- Opened the webpage in multiple browsers (Chrome, Edge, etc.) to check compatibility.
- Fixed layout issues and corrected broken links or missing images.

Finalizing & Deployment

- Reviewed the webpage for errors and typos.
- Saved and organized all files in the correct folders.

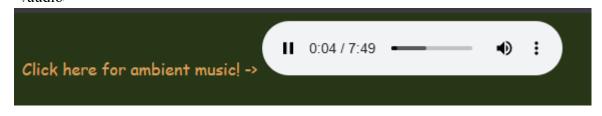
5. Observation:

• Different tags were used to perform different tasks in the html document.

1. Ambient Music for Instant Atmosphere

Both Kitchen.html and TekWik.html greet visitors with background music, making the experience lively and memorable.

```
<span>Click here for ambient music! -></span>
<audio src="../../Recipe/jazz.mp3" controls autoplay loop>
   Audio playback is not supported in your browser.
</audio>
```



2. Floating Video for Dynamic Visuals (Kitchen.html)

A video floats to the right, adding movement and drawing the eye immediately.

```
<div style="float:right;">
  <video width="400" autoplay muted loop onclick="window.open('../../Practicum-
2/Website-1/cooking.mp4')">
        <source src="../../Recipe/cooking.mp4" type="video/mp4">
            Your browser does not support the video tag.
        </video>
    </div>
```

```
Click here far ambient music!

Welcome to the Kitchen!

Here are a few recipies for some tasty dishes which are very hard which can be easily made at home.
```

3. Recipe Table of Contents with Internal Links (Kitchen.html)

A clickable table lets users jump straight to their favorite recipe, enhancing navigation.

```
<th>Sno</th>
  Recipe name
 1
  <a href="#momo" style="color:#d3cda5;">Momo</a>
 2
  <a href="#thickshake" style="color:#d3cda5;">Chocolate
Thickshake</a>
  3 
  <a href="#pizza" style="color:#d3cda5;">Chicken Pizza</a>
```



4. Ingredient Tables Embedded in Recipe Steps (Kitchen.html)

Each recipe features a dedicated table for ingredients, making the instructions visually clear and easy to follow.

```
S no
Ingredient
Quantity

1
```

Reciepe 1: Momos

S no	Ingredient	Quantity
1	Maida	2 cups
2	Salt	As per taste
3	Water	Enough to knead
4	Oil	1 tbsp
5	Minced Chicken	250g
6	Medium onion	1
7	Spring onion	1
8	<i>G</i> arlic	1 tbsp finely chopped
9	Ginger	1 tbsp finely chopped
10	Green Chilli	1 tbsp finely chopped
11	Pepper	0.5 tbsp
12	Soy Sauce	1 tsp
13	Oil	1 tsp

5. Use of '' Tag for Playful Tone (Kitchen.html)

Striking out text adds humor and personality to the introduction.

<h3>

Here are a few recipies for some tasty dishes which are very hard which can be easily made at home.

</h3>

Welcome to the Kitchen!

Here are a few recipies for some tasty dishes which are very hard which can be easily made at home.

6. Recipe Steps with Nested Lists (Kitchen.html)

Instructions are organized with ordered and unordered lists, making them easy to read and follow.

```
    Nake the dough
    Make the dough
    ul>
        In a bowl, mix flour and salt.
        Add water slowly and knead into a smooth, soft dough.
        Cover and let it rest for 20–30 mins.
        More steps... -->
```

Method:

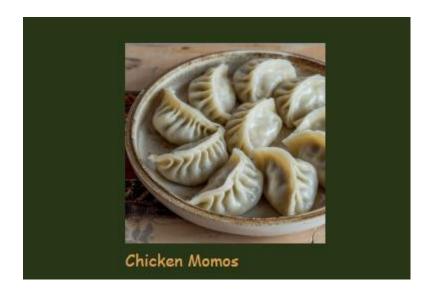
- 1. Make the dough
 - o In a bowl, mix flour and salt.
 - Add water slowly and knead into a smooth, soft dough.
 - o Cover and let it rest for 20-30 mins.
- 2. Prepare the filling
 - o In another bowl, mix chicken, onion, garlic, ginger, chilli, salt, pepper, soy sauce, and oil.
 - Stir well so the flavours combine.
- 3. Shape the momos
 - o Divide dough into small balls.
 - Roll each into a thin circle (like small puris).
 - Place 1 spoon of filling in the centre.
 - o Fold and pleat the edges to seal (half-moon or round shape).
- 4. Steam them
 - Place momos in a greased steamer (or use a plate inside a big vessel with a lid).
 - $\circ~$ Steam for 10-12 mins until dough is cooked and slightly glossy.

Serve hot!

7. Multimedia Gallery with Captions (Media.html)

Images are paired with captions using '<figure>' and '<figcaption>', giving context and a polished look.

```
<figure>
  <ing src="../../Recipe/momo.jpg" height="200" width="200" alt="momos"/>
  <figcaption>Chicken Momos</figcaption>
  </figure>
```



8. Embedded YouTube Videos for Each Recipe (Media.html & Kitchen.html)

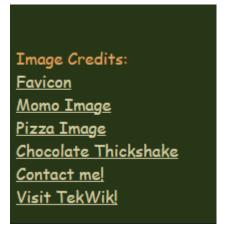
Recipes are accompanied by YouTube videos, making the page interactive and educational.

<iframe width="560" height="315" src="https://www.youtube.com/embed/lRI17-vJvRc?si=Z4iRFBuog3aTCqB6" title="YouTube video player" frameborder="0" allowfullscreen></iframe>



9. Footer with Image Credits and Navigation (Kitchen.html)

A thoughtful footer credits all images and provides links for further exploration.



10. Tech News Table with Images and Headlines (TekWik.html)

News items are visually organized with images, headlines, and links, creating a magazine-like layout.

```
    <a target="_blank" href="https://techcrunch.com/2025/08/11/prontos-10-minute-house-help-pitch-sparked-a-3-6x-valuation-jump-in-just-90-days/">
        <img src="../../media/TekWik/tenmin.png" alt="10min" width="250">
        <h4>Pronto's 10-minute house-help pitch sparked a 3.6x valuation jump in just 90 days.</h4>
    </a>
</d>
</d>
```



These features make your pages visually appealing, interactive, and memorable!

• The pages' source code has been checked on https://validator.w3.org/ and the errors found were because of not using CSS for styling the sheet

6. Source Code:

TZ*4 1 1

```
Kitchen!:
<!DOCTYPE html>
<html>
  <head>
    <title>
       Grandma's Kitchen!
    </title>
       <link rel="icon" href="../../Recipe/kitchen.png"/>
  </head>
<body lang="en" bgcolor="#283618">
    <font color="#DDA15E" face="cursive">
  <span>Click here for ambient music! -></span>
  <audio src="../../Recipe/jazz.mp3" controls autoplay loop>
```

```
<font face="Cascadia Code">Your browser does not support the audio element.</font>
  </audio>
      <div style="float:right;">
      <video width="400" autoplay muted loop onclick="window.open('../../Practicum-
2/Website-1/cooking.mp4')">
        <source src="../../Recipe/cooking.mp4" type="video/mp4">
        Your browser does not support the video tag.
      </video>
      </div>
      >
  <header>
      <h1 id="header">
        Welcome to the Kitchen!
      </h1>
  </header>
    <h3>
      Here are a few recipies for some tasty
      dishes <del>which are very hard</del> which can be easily
      made at home.
    </h3>
    <th>Sno</th>
```

```
Recipe name
     1 
     <a href="#momo" style="color:#d3cda5;">Momo</a>
    >
      2
     <a href="#thickshake" style="color:#d3cda5;">Chocolate
Thickshake</a>
    >
      3 
      <a href="#pizza" style="color:#d3cda5;">Chicken Pizza</a>
    >
 <!--empty space-->
 <strong> <h3>Reciepe 1: <font color="#BC6C25"</pre>
weight="200">Momos</font></h3></strong>
   <ol>
    >
      <th>S no</th>
```

```
Ingredient
 Quantity
 1 
 Maida
 2 cups
>
 <\!\!td\!\!>\!\!2<\!\!/td\!\!>
 Salt
 As per taste
>
  3 
 Water
 Enough to knead
<\!\!/t_{T}\!\!>
>
  4 
 <\!\!td\!\!>\!\!Oil\!<\!\!/td\!\!>
 <td>1 tbsp
>
```

```
 5 
 Minced Chicken
  250g 
6
 Medium onion
  1 
>
 7
Spring onion
  1 
>
  8 
 Garlic
1 tbsp finely chopped
>
 9
Ginger
1 tbsp finely chopped
>
  10 
 Green Chilli
```

```
1 tbsp finely chopped
  <\!\!/tr\!\!>
   >
    11
    Pepper
    <td>>0.5 tbsp</td>
  >
     12 
    Soy Sauce
    1 tsp
  >
     13 
    <td>>Oil</td>
    1 tsp
  <h3>Method:</h3>
 <01>
Make the dough
  In a bowl, mix flour and salt.
```

```
Add water slowly and knead into a smooth, soft dough.
  Cover and let it rest for 20–30 mins.
        Prepare the filling
    <u1>
  In another bowl, mix chicken, onion, garlic, ginger, chilli, salt, pepper, soy sauce, and
oil.
  Stir well so the flavours combine.
    Shape the momos
    <u1>
  Divide dough into small balls.
  Roll each into a thin circle (like small puris).
  Place 1 spoon of filling in the centre.
  Fold and pleat the edges to seal (half-moon or round shape).
      Steam them
      <u1>
  Place momos in a greased steamer (or use a plate inside a big vessel with a lid).
    Steam for 10–12 mins until dough is cooked and slightly glossy.
    <center>Serve hot!</center>
```

```
Best enjoyed with spicy chutney or tomato-chilli sauce. <br/>
<a href="#header" style="color:#d3cda5;">Back to top</a>
<figure>
    <img src="../../Recipe/momo.jpg" height="200" width="200" border alt="momos"/>
    <figcaption>Chicken Momos</figcaption>
  </figure>
  <h3>Watch the video for a quick guide!</h3>
  <iframe width="560" height="315"</pre>
  src="https://www.youtube.com/embed/IRI17-vJvRc?si=Z4iRFBuog3aTCqB6"
  title="YouTube video player" frameborder="0"
  allow="acceleromer; autoplay; clipboard-write; encrypted-media; gyroscope;
  picture-in-picture; web-share" referrerpolicy="strict-origin-when-cross-origin"
  allowfullscreen></iframe>
>
  >
        <!--empty space-->
```

```
<strong> <h3>Reciepe 2: <font color="#BC6C25">Chocolate Thickshake</font></h3>
</strong>
 < 01 >
    >
     S no
     Ingredient
     Quantity
    >
     1 
     Cold Milk(Full cream for best thickness)
     2 cups
    >
     2
     Chocolate Ice Cream
     4 Scoops
    >
     3
     Chocolate Syrup
     3-4 tbsp chocolate syrup(or cocoa powder+sugar)
    >
```

```
4
      Whipped Cream
      As needed
     >
      5
      Chocolate sprinkles(optional)
      As needed
     <h3>Method:</h3>
   <o1>
 Blend it
     <u1>
 In a blender, add milk, chocolate ice cream, and chocolate syrup.
 Slend for about 30–40 seconds until smooth and creamy.
 Serve
   <u1>
 Pour into chilled glasses.
 Top with whipped cream, chocolate syrup drizzle, and shavings if you want it
fancy.
   <\!\!/ul\!\!>
 Enjoy
```

```
Serve immediately with a straw or spoon (it'll be thick).
  If you want it extra thick, just reduce milk to 1½ cups or add 1 more scoop of ice cream!
  <br>
  <a href="#header" style="color:#d3cda5;">Back to top</a>
  <figure>
    <img src="../../Recipe/thickshake.png" alt="thickshake" height="200" width="auto"</pre>
border/>
    <figcaption>Chocolate Thickshake</figcaption>
    </figure>
    <h3>Watch the video for a quick guide!</h3>
    <iframe width="560" height="315" src="https://www.youtube.com/embed/v-</pre>
dBAqmGK7E?si=q1JJSnVx-CNp7LJw" title="YouTube video player"
    frameborder="0"
    allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-
in-picture; web-share"
    referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
  >
```

```
<!--empty space-->
<strong> <h3>Reciepe 3: <font color="#BC6C25">Chicken Pizza</font></h3></strong>
 <ol>
   >
     S no
     Ingredient
     Quantity
   >
    1 
     ready-made pizza base
     1
    >
     <\!\!td\!\!>\!\!2<\!\!/td\!\!>
     cooked chicken (shredded or diced)
      100g 
    >
      3 
     pizza sauce (or ketchup + oregano)
```

```
1/2 cup
>
  4 
 mozzarella cheese (grated)
  1 cup 
>
  5 
 onion (sliced)
  \frac{1}{2} 
>
 6
 Capsicum(sliced)
  \frac{1}{2} 
>
 7
 oil/butter
  1 tbsp 
>
  8 
 Salt, pepper,oregano/chilli flakes
 As per taste
```

```
<h3>Method:</h3>
  <01>
Prep the oven and the Chicken
   <u1>
Preheat the oven to 2000<sup>o</sup>C
Heat oil in a pan, toss chicken with salt, pepper, and oregano for 1-2 mins.
Assemble the pizza
 <ul>
Spread pizza sauce evenly over the base
Add half the cheese first.
Arrange chicken, onion, and capsicum slices. 
Sprinkle remaining cheese on top.
 Bake
  <ul>
Place pizza on a tray or directly on the oven rack.
Bake for 8-10 mins until cheese melts and edges turn golden
Serve
  <u1>
```

```
Sprinkle chilli flakes or extra oregano.
  Slice and enjoy hot
  If you want it extra cheesy, add ½ cup more mozzarella or mix in cheddar for extra flavour.
  <br>
  <a href="#header" style="color:#d3cda5;">Back to top</a>
  <figure>
    <img src="../../Recipe/pizza.png" height="200" width="auto" border alt="pizza"/>
    <figcaption>Chicken Pizza</figcaption>
    </figure>
    <h3>Watch the video for a quick guide!</h3>
    <iframe width="560" height="315"</pre>
src="https://www.youtube.com/embed/z6CmFx32k34?si=ym7NpqbpNPHmFpTk"
    title="YouTube video player" frameborder="0"
     allow="accelerometer; autoplay; clipboard-write; encrypted-media; gyroscope; picture-
in-picture; web-share"
    referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
  <h2 align="center"> Thank You!</h2>
```

```
<footer>
  Image Credits:<br>
  <a href="../../Recipe/kitchen.png" target=" blank"
style="color:#d3cda5;">Favicon</a><br>
  <a href="../../Recipe/momo.jpg" target=" blank" style="color:#d3cda5;">Momo
Image</a><br>
  <a href="../../Recipe/pizza.png" target=" blank" style="color:#d3cda5;">Pizza
Image</a>><br>
  <a href="../../Recipe/thickshake.png" target="_blank" style="color:#d3cda5;">Chocolate
Thickshake</a><br>
  <a href="mailto: roshananand@karunya.edu.in target=" blank"
style="color:#d3cda5;">Contact me!</a><br>
  <a href="../Website-2/TekWik.html" target=" blank" style="color:#d3cda5;">Visit
TekWik!</a>
  </footer>
  </font>
    </body>
  </html>
   2. Media page
       <!DOCTYPE html>
       <html>
       <head>
         <title>Grandma's Kitchen - Multimedia Gallery</title>
         <link rel="icon" href="../../Recipe/kitchen.png"/>
       </head>
       <body>
<br/>
dody bgcolor="#283618"></br>
         <font color="#DDA15E" face="cursive">
           <h2>Ambient Music</h2>
           <audio src="../../Recipe/jazz.mp3" controls autoplay loop>
              Audio playback is not supported in your browser.
           </audio>
           <hr>>
```

```
<h2>Images</h2>
    <figure>
       <img src="../../Recipe/momo.jpg" height="200" width="200" alt="momos"/>
       <figcaption>Chicken Momos</figcaption>
    </figure>
    <figure>
       <img src="../../Recipe/thickshake.png" height="200" width="auto"</pre>
alt="thickshake"/>
       <figcaption>Chocolate Thickshake</figcaption>
    </figure>
    <figure>
       <img src="../../Recipe/pizza.png" height="200" width="auto" alt="pizza"/>
       <figcaption>Chicken Pizza</figcaption>
    </figure>
    <hr>>
    <h2>Videos</h2>
    <h3>Cooking in Action</h3>
    <video width="400" autoplay muted loop
onclick="window.open('../../Practicum-2/Website-1/cooking.mp4')">
         <source src="../../Recipe/cooking.mp4" type="video/mp4">
         Your browser does not support the video tag.
       </video>
    <br>><br>>
    <h3>Momo Recipe</h3>
    <iframe width="560" height="315"
       src="https://www.youtube.com/embed/IRI17-vJvRc?si=Z4iRFBuog3aTCqB6"
      title="YouTube video player" frameborder="0"
       allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share"
      referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
    <br>><br>>
    <h3>Chocolate Thickshake Recipe</h3>
    <iframe width="560" height="315"
       src="https://www.youtube.com/embed/v-dBAqmGK7E?si=q1JJSnVx-
CNp7LJw"
      title="YouTube video player" frameborder="0"
      allow="accelerometer; autoplay; clipboard-write; encrypted-media;
gyroscope; picture-in-picture; web-share"
       referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
    <br>><br>>
    <h3>Chicken Pizza Recipe</h3>
    <iframe width="560" height="315"</pre>
```

```
title="YouTube video player" frameborder="0"
              allow="accelerometer; autoplay; clipboard-write; encrypted-media;
       gyroscope; picture-in-picture; web-share"
              referrerpolicy="strict-origin-when-cross-origin" allowfullscreen></iframe>
         </font>
       </body>
       </html>
   3. Tech Aggregator(Theme based Project):
<!DOCTYPE html>
<html>
  <head>
    <title>
       TekWik!
    </title>
<link rel="icon" href="../../TekWik/icon.png">
<style>
a{
  color:#F2D492;
}
</style>
<script>
</script>
  </head>
  <body>
<body bgcolor="#283845">
    <font color="#F2D492" face="Century Gothic">
       <div bgcolor="brown">
    <h1 align="center">
       <img src="../../TekWik/logo.png" alt="TW" height="30px" width="auto"/>
```

src="https://www.youtube.com/embed/z6CmFx32k34?si=ym7NpqbpNPHmFpTk"

```
</h1>
    </div>
    <span>Click here for ambient music!</span><audio src="../../TekWik/TechMusic.mp3"</pre>
autoplay controls>
      <font face="Cascadia Code">Your browser does not support the audio
element!</font>
      </audio>
    <hr>>
    <a target="_blank" href="../Website-1/Kitchen.html" target="_blank">
          <video src="../../TekWik/cooking.mp4" width="500" height="auto" autoplay
muted loop>
           <source src="../../TekWik/cooking.mp4" type="video/mp4">
           <font face="Cascadia Code">Your browser does not support the video
tag.</font>
          </video>
          <a href="ch3"><h3 align="center">Grandma's Kitchen Website 2.0: Blending classic recipes</a>
with modern web tech to create a fresh, flavorful, and user-friendly experience!</h3></a>
```

TekWik Do what matters!

 $\label{lem:com/2025/08/11/prontos-10-minute-house-help-pitch-sparked-a-3-6x-valuation-jump-in-just-90-days/">$

 $<\!\!$ h4>Pronto's 10-minute house-help pitch sparked a 3.6x valuation jump in just 90 days. $<\!\!$ h4>

<h4>Slow Ventures cuts first check from \$60M creator fund into woodworking founder.</h4>

<h3>Top Headlines</h3>

<u1>

Grandma's cooking is now serving up recipes and features with a modern twist in site design!

Trump administration stops illegal freeze of \$5B EV charger funds after losing in court

Ford throws out Henry Ford's assembly line to make low-cost EVs in America

 $\label{lip} $$\le $ a target="_blank" href="https://techcrunch.com/2025/08/11/ios-26-beta-6-adds-new-ringtones-snappy-app-launches-and-more/">$

iOS 26 beta 6 adds new ringtones, snappy app launches, and more

Security flaws in a carmaker's web portal let one hacker remotely unlock cars from anywhere

```
>
      <h2>Latest News!</h2>
   <video src="../../TekWik/cooking.mp4" width="90" height="auto" autoplay muted
loop>
           <source src="../../TekWik/cooking.mp4" type="video/mp4">
           <font face="Cascadia Code">Your browser does not support the video
tag.</font>
         </video>
     >
     WebDesigns
     <picture>
         <source srcset="https://techcrunch.com/wp-</pre>
content/uploads/2025/07/TC25 Disrupt-Color.png" type="image/png">
         <img src="https://techcrunch.com/wp-content/uploads/2025/07/TC25 Disrupt-</pre>
Color.png" height="20px" width="auto" alt="No Internet!"><br>
       </picture>
     <h4>October 27-29, 2025|San Francisco</h4><br>
```

Put your brand in front of 10,000+ tech and VC leaders across all three days of Disrupt 2025. Amplify your reach, spark real connections, and lead the innovation charge. Secure your exhibit space before your competitor does.

Book Your Table here!

```
>
     <a target=" blank" href="../../TekWik/Kitchen.html" target=" blank">
       Grandma's kitchen with a fresh new design!
     </a>
   Tie Defender
       9:44 AM IST · August 20, 2025
     >
     <picture>
       <source srcset="../../TekWik/pixel.png" type="image/png">
       <img src="../../TekWik/pixel.png" height="50" width="auto" alt="pixel">
       </picture>
```

```
>
```

Hardware

Pixel 10, AI capabilities, and everything else we expect out of the Made by Google 2025 event

```
</a>
Aisha Malik
   9:44 AM PDT · August 12, 2025
 >
 <picture>
   <source srcset="../../TekWik/claude.png" type="image/png">
   <img src="../../TekWik/claude.png" height="50" width="auto" alt="claude">
   </picture>
 ΑI
```



```
Anthropic's Claude AI model can now handle longer prompts
```

```
</a>
>
 >
   Aisha Malik
   9:44 AM PDT · August 12, 2025
 >
 <picture>
   <source srcset="../../TekWik/edits.png" type="image/png">
   <img src="../../TekWik/edits.png" height="50" width="auto" alt="edits"/>
   </picture>
 Apps
 <h2>Most Popular:
   <picture>
   <source srcset="../../TekWik/upstonk.png" type="image/png">
   <img src="../../TekWik/upstonk.png" height="25" alt="upstonk"></h2>
```

</picture>

ul type="square">

The computer science dream has become a nightmare

Sam Altman addresses 'bumpy' GPT-5 rollout, bringing 40 back, and the 'chart crime'

Tesla shuts down Dojo, the AI training supercomputer that Musk said would be key to full self-driving

 $\label{li} $$ \le $ target="_blank" href="https://techcrunch.com/2025/08/06/key-sections-of-the-us-constitution-deleted-from-governments-website/">$

Key sections of the US Constitution deleted from government's website

Instagram takes on Snapchat with new 'Instagram Map'

Google says hackers stole its customers' data by breaching its Salesforce database

Three weeks after acquiring Windsurf, Cognition offers staff the exit door

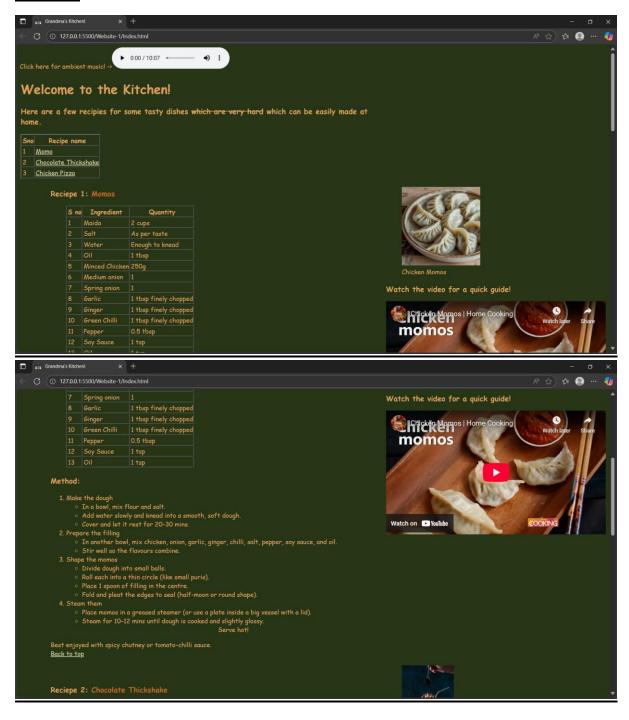
```
>
      <a target=" blank" href="https://techcrunch.com/2025/08/12/anthropics-claude-
ai-model-can-now-handle-longer-prompts/">
        A guide to using Edits, Meta's CapCut rival for short-form video editing
      </a>
    >
      Aisha Malik
        9:44 AM PDT · August 12, 2025
      <picture>
        <source srcset="../../TekWik/anthropic.png" type="image/png">
        <img src="../../TekWik/anthropic.png" height="50px" width="auto"/>
        </picture>
      >
      ΑI
      <a target=" blank" href="https://techcrunch.com/2025/08/12/anthropic-takes-
aim-at-openai-offers-claude-to-all-three-branches-of-government-for-1/">
Anthropic takes aim at OpenAI, offers Claude to 'all three branches of government' for $1
</a>
```

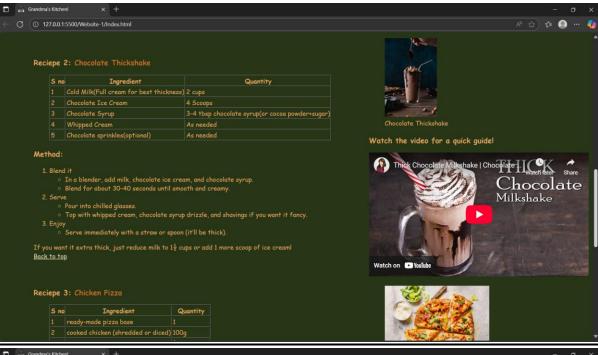
```
Rebecca Bellan
       9:44 AM PDT · August 12, 2025
     >
      <picture>
       <source srcset="../../TekWik/rocket.png" type="image/png">
       <img src="../../TekWik/rocket.png" height="50" width="auto" alt="rocket"/>
       </picture>
      </figure>
      >
      >
       Startups
      <a target="_blank" href="https://techcrunch.com/2025/08/12/anduril-opens-
solid-rocket-motor-factory-amidst-ongoing-chemical-chokepoint/">
Anduril opens solid rocket motor factory amidst ongoing chemical chokepoint
</a>
    Aria Alamalhodaei
       9:44 AM PDT · August 12, 2025
```

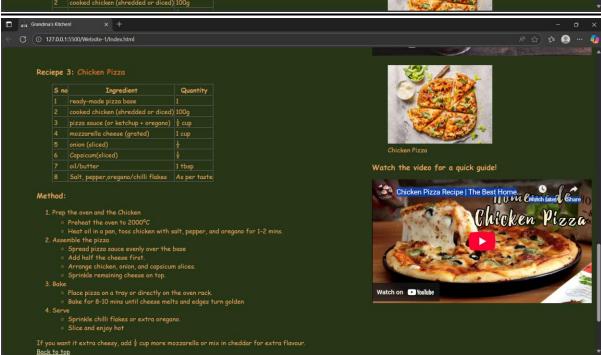
```
>
     <picture>
       <source srcset="../../TekWik/google.png" type="image/png">
       <img src="../../TekWik/google.png" height="50" width="auto" alt="google">
       </picture>
     >
     >
       Apps
     >
     <a target="_blank" href="https://techcrunch.com/2025/08/12/google-will-now-
allow-you-define-your-top-sources-for-search-results/">
Google will now let you pick your top sources for search results
</a>
   Ivan Mehta
       9:44 AM PDT · August 12, 2025
     </font>
  </body>
  </html>
```

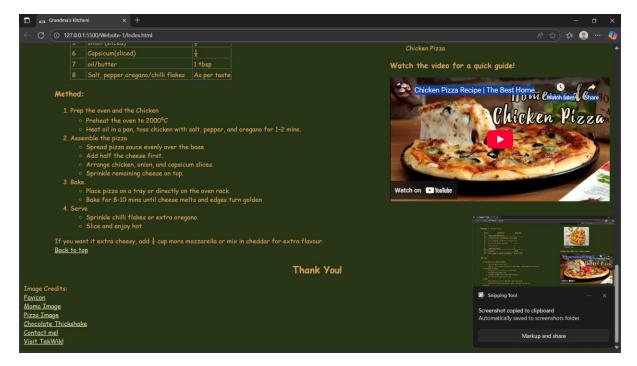
7.Output:

Kitchen!:



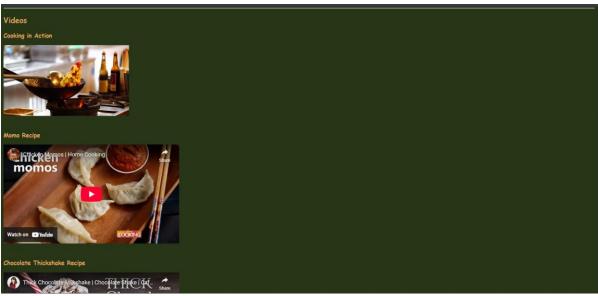


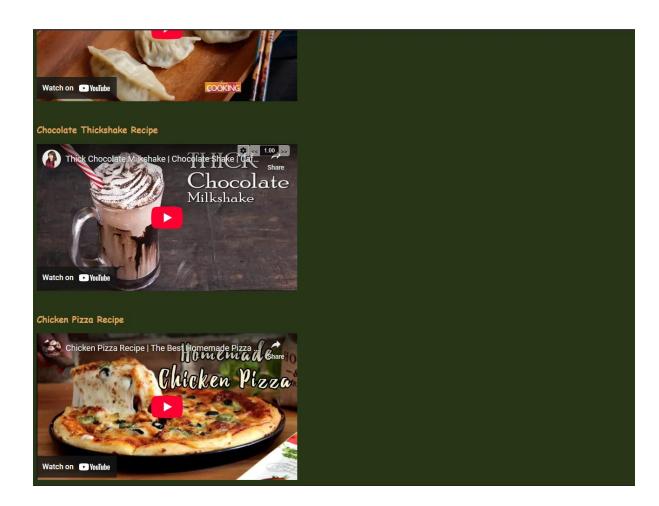




Media:





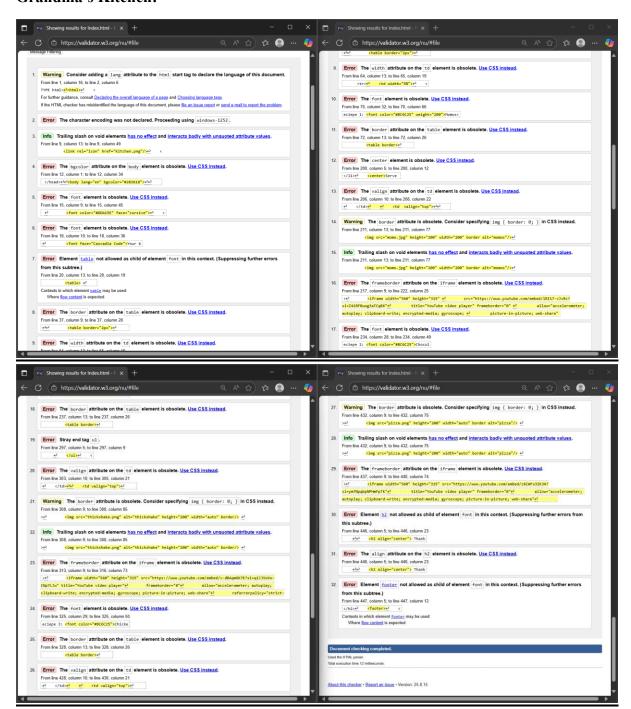


Tech News Aggregator(TekWik!)

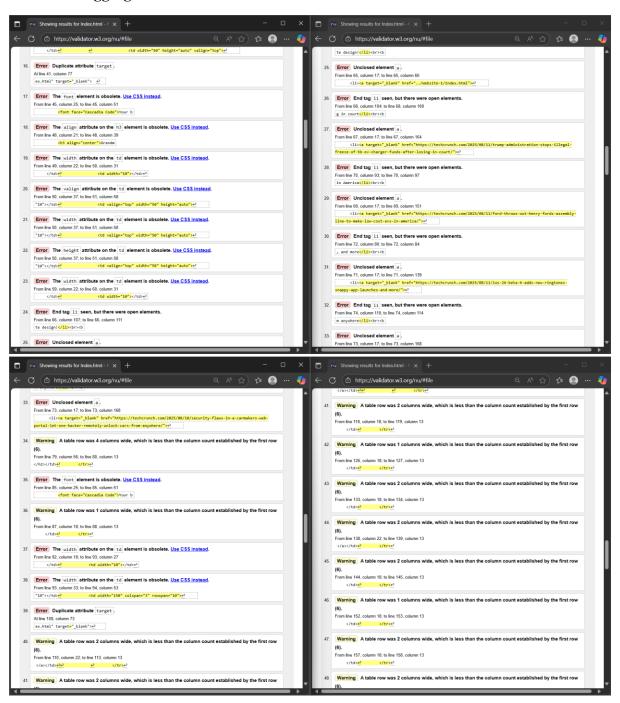


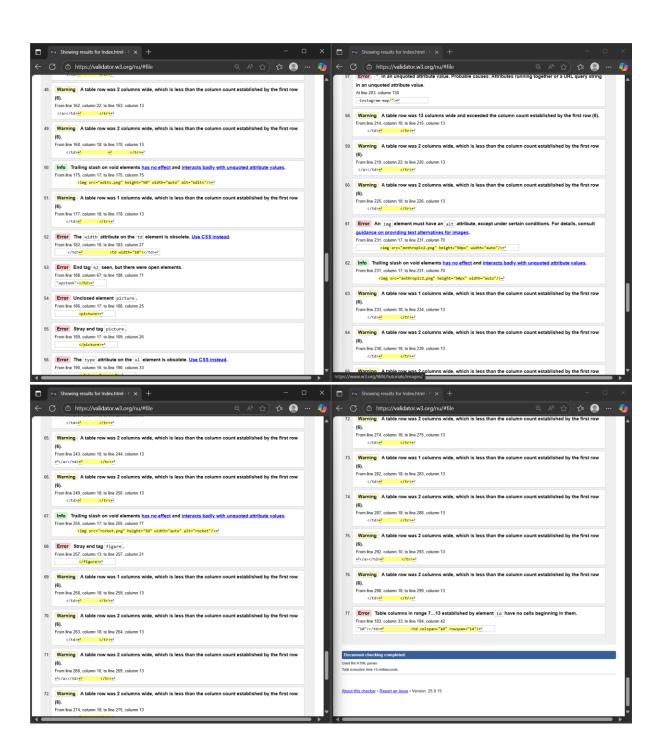
7.2: Validation output:

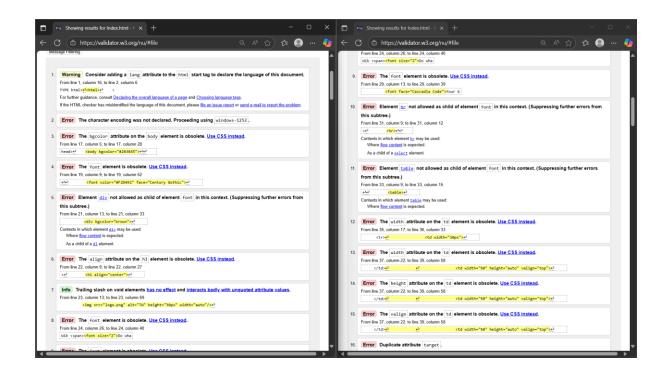
Grandma's Kitchen:



Tech news Aggregator:







8. Results:

The Desired webpage for

- Kitchen
- Tech news aggregator(Theme based project)

Has been successfully made

9. Interpretation of Results:

<u>Kitchen:</u> This website has 3 reciepes which was made using html

Tech News aggregator: This website contains latest tech news updated regularly

10. Conclusion:

The webpage was successfully created using basic HTML tags such as headings, paragraphs, images, and hyperlinks. Validation through the W3C Validator ensured that the HTML code followed standard syntax and structure. Necessary corrections were made, resulting in a well-structured, error-free webpage. Further improvements can be made using CSS to style the webpage

Test Cases:

Test Case Report: 1

Test Title/Name	Requirement Testing					
Module Name	Grandma's kitchen.html					
Test Priority	High					
Test Designed By	Roshan Anand Seeli					
Test Reviewed By	Dr. I Titus					
Test Designed Date	16-8-2025					
Test Executed By	Roshan Anand Seeli					
Test Execution Date	19-08-2025					
Test Summary	This test validates the static HTML webpage "Grandma's Kitchen" which displays multiple recipes, images, ingredient tables, and navigation features. The test scope includes webpage loading, recipe navigation links, table/list formatting, image display, and footer links.					
Findings:	 The webpage meets all expected functional requirements. Navigation and content organization are working as intended. No major defects were found. 					
Pre-Requisites	Visual Studio code Google Chrome or any modern web browser for execution					
Dependencies	Not Applicable					

Test Cases – Grandma's Kitchen Webpage

Test Case ID	Module / Feature	Test Scenario / Description	Input Data	Expected Output	Actual Output	Status (Pass/ Fail)	Remarks / Notes
TC001	Loading of Webpage	Check if the page loads in the browser	URL	Web page gets loaded	Yes	Pass	
TC002	Basic Structure	Check the basic HTML5 structure	Not Applicable	HTML5 standard to be adhered	Yes	Pass	
TC003	Navigation Links	Check links in recipe table redirect correctly	Click on recipe links	Page scrolls to recipe section	Yes	Pass	
TC004	Recipe Images	Check if images load beside recipes	N/A	Images appear correctly	Yes	Pass	
TC005	Back to Top	Check 'Back to top' links function	Click on 'Back to top'	Page scrolls to header	Yes	Pass	
TC006	Ingredient Tables	Check if tables are displayed with proper formatting	N/A	Tables with rows and columns appear	Yes	Pass	
TC007	Footer Links	Check image credits open correctly	Click footer links	Linked images open in new tab	Yes	Pass	
TC008	Cross- browser Check	Verify consistency across browsers	Open in Chrome/Firef ox	Layout is consistent	Yes	Pass	
TC009	Embedded Content Functional ity	Check that <iframe>, element render content (YouTube videos, images, external links) without errors.</iframe>	Attempt to interact with the embedded content (e.g., play YouTube video, view adaptive image, open external link).	Embedded media displays correctly, is responsive, and does not break page layout.	Yes	Pass	

Test Case Report: 2

Test Title/Name	Requirement Testing
Module Name	TekWik.html
Test Priority	High
Test Designed By	Roshan Anand Seeli
Test Reviewed By	Dr. I Titus
Test Designed Date	16-8-2025
Test Executed By	Roshan Anand Seeli
Test Execution Date	19-08-2025
Test Summary	This test validates the static HTML webpage "TekWik," which functions as a tech news aggregator. The test scope includes webpage loading, article links, top headlines, image rendering, lists, and event advertisement sections.
Findings:	 All hyperlinks and article redirections work correctly. Content formatting using tables and lists is displayed properly. No broken links or missing resources were detected.
Pre-Requisites	Visual Studio code Google Chrome or any modern web browser for execution
<u>Dependencies</u>	Not Applicable

Test Cases – TekWik Webpage

Test	Module /	Test Scenario /	Input Data	Expected	Actual	Status	Remarks
Case ID	Feature	Description		Output	Output	(Pass/Fail)	/ Notes
TC001	Loading of	Check if the	URL	Page loads	Yes	Pass	
	Webpage	page loads in		with			
		the browser		TekWik			
				title/logo			
TC002	Favicon	Check if	N/A	Favicon	Yes	Pass	
		favicon is		appears in			
		displayed		tab			
TC003	Article Links	Verify news	Click on	Redirects to	Yes	Pass	
		article links	article links	TechCrunch			
		open correctly		articles			
TC004	Top Headlines	Verify top	Click	Opens	Yes	Pass	
		headlines links	headlines	correct			
				article			
TC005	Image Display	Verify images	N/A	Images load	Yes	Pass	
		load beside		properly			
		articles					
TC006	Most Popular	Verify	N/A	Bullet list	Yes	Pass	
	List	unordered list		appears			
		formatting					
TC007	Event	Verify Disrupt	Click 'Book	Opens	Yes	Pass	
	Advertisement	2025 event link	Your Table'	TechCrunch			
				events page			
TC008	Cross-browser	Verify	Open in	Layout is	Yes	Pass	
	Check	consistency	Chrome/Fir	consistent			
		across browsers	efox				
TC009	Multimedia	Media loads	N/A	Media	Yes	Pass	
	Functioning	properly, with		loads			
	(Video and	fallback text		properly,			
	audio)	displaying if		with			
		unsupported.		fallback			
				text			
				displaying			
				if			
				unsupporte			
				d.			