

Book Companion
GUIDE



PAGE CREATION

- To add a page in the book you have to simply add a div block(<div></div>) inside this parent div: **<div id="flipbook" class="flipbook"></div>**.
- If the page is supposed to be blank, just leave the div empty: **<div></div>**.
- The page numbers have been automated. So whenever a new page will be added, the page number will automatically be added to the page with an exception of a blank page in which no page number will be displayed.

ADDING A CHAPTER TO THE CONTENTS PAGE

- **Chapter:** Add an anchor tag(<a>) inside tag and then add the chapter number, name and page number inside the <a> tag. Particularly, bold tag() will hold the chapter number & name and the tag will hold the page number.
- **Sub Topic:** Add an <a2></a2> tag inside <li2></li2> tag and then add the sub topics and their page numbers to the <a2></a2> tag. Particularly, the tag will hold the page number.
- **Note:** The chapters and sub chapters on the contents page are automatically linked to the page whose page number is entered in the span tag.

Chapter →

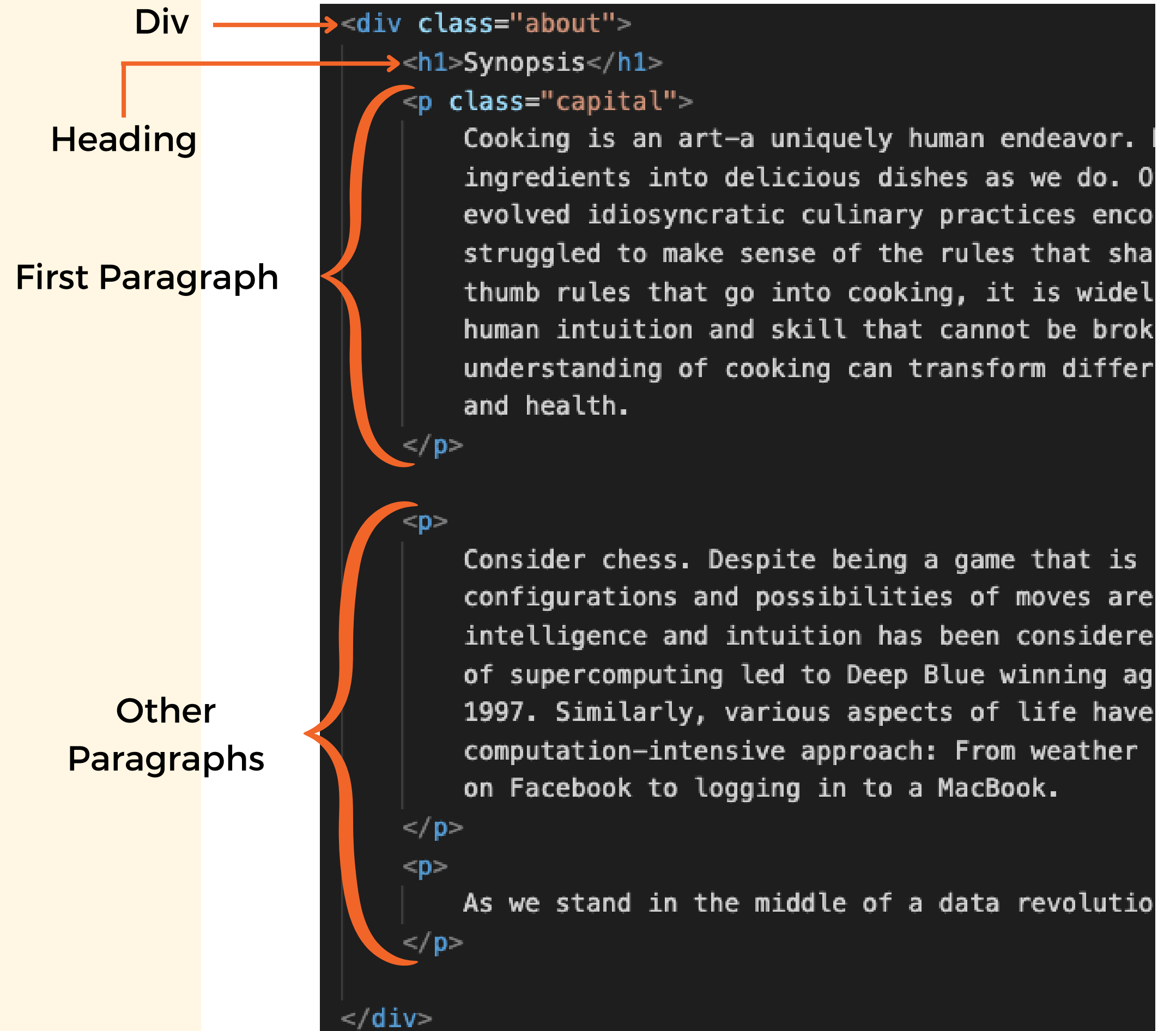
Sub Topic {

```
<li><a><b>1. Cooking as an Art</b><span>14</span></a></li>
<li2>
|   <a2>- Why Cook?<span>14</span></a2>
</li2>
<li2>
|   <a2>- Cooking is Complex<span>8</span></a2>
</li2>
<li2>
|   <a2>- Trial & Error<span>8</span></a2>
</li2>
<li2>
|   <a2>- Human Intuition<span>8</span></a2>
</li2>
```

	→	1. Cooking as an Art	14
		- Why Cook?	14
<li2></li2>	→	- Cooking is Complex	8
		- Trial & Error	8
		- Human Intuition	8

INTRODUCTORY PAGE OF A CHAPTER - CODE VIEW

- **Div:** The page's div has to have the '**about**' class for basic format of a chapter's page to be applied like this: `<div class="about">`
`</div>`.
- **Heading:** Has to be contained in `<h1></h1>` tag.
- **First Paragraph:** Has to be contained in a `<p></p>` tag with class '**capital**' (to capitalise the first letter of that para) like this: `<p class="capital"></p>`.
- **All other paragraphs:** Have to be contained in a normal `<p></p>` tag.
- **Note:** For the last paragraph you will have to check through trial and error that how much text can fit into the page.



INTRODUCTORY PAGE OF A CHAPTER - WEB VIEW

- **Div:** The page's div has to have the 'about' class for basic format of a chapter's page to be applied like this: `<div class="about">`
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`<h1></h1>`

Synopsis

`<p class="capital"></p>`

Cooking is an art-a uniquely human endeavor. No other animal has a penchant for transforming raw ingredients into delicious dishes as we do. Over the centuries, cultures across the world have evolved idiosyncratic culinary practices encoded into cuisine-specific recipes. Experts have struggled to make sense of the rules that shape these recipes. While there is some agreement on thumb rules that go into cooking, it is widely accepted that cooking has a huge component of human intuition and skill that cannot be broken down into a set of rules. Arguably, a rule-based understanding of cooking can transform different aspects of food, including flavor, nutrition, and health.

`<p></p>`

Consider chess. Despite being a game that is based on simple rules, the sheer number of configurations and possibilities of moves are mindboggling. As a consequence, the role of human intelligence and intuition has been considered of paramount importance. Despite that, the rise of supercomputing led to Deep Blue winning against the then-world champion Garry Kasparov in 1997. Similarly, various aspects of life have been deeply impacted by a data- and computation-intensive approach: From weather prediction to Google Maps navigation, from tagging on Facebook to logging in to a MacBook.

As we stand in the middle of a data revolution in the 21st century, why

ALL PAGES EXCLUDING INTRODUCTORY PAGE - CODE VIEW

- **Div:** The page's div has to have the '**about**' class for basic format of a chapter's page to be applied like this: `<div class="about">`
`</div>`.
- **First Paragraph:** Has to be contained in a `<p style="margin-top: 30px;"></p>` tag(to create proper space between para & top of the page).
- **All other paragraphs:** Have to be contained in a normal `<p></p>` tag.
- **Note:** For the last paragraph you will have to check through trial and error that how much text can fit into the page.

First Paragraph

Other Paragraphs

Div

```
<div class="about">  
  <p style="margin-top: 30px;">  
    should food be left behind? Food and cooking  
    being the basis of nutrition and health. The  
    advent of computational methods for their s  
    outlook toward gastronomy. The application  
    gastronomic data has opened up exciting ave  
    'Computational Gastronomy.' This emerging i  
    origin to seek their answers via the compil  
    statistics, computer science, and artificial  
  </p>  
  
  <p>  
    <b>Can we make food computable?</b> Food an  
    of factors-geo-cultural attributes, flavor  
    health associations, among others. Meticulo  
    facets is critical for making food computab  
  </p>  
  <p>  
    <b>What decides the uniqueness of a cuisine  
    cuisine. And so is Mexican cuisine distinct  
    cuisine? While expert chefs will have quali  
    lens of data, quantitative analysis points  
    of regional cuisines.  
  </p>  
</div>
```

ALL PAGES EXCLUDING INTRODUCTORY PAGE - WEB VIEW

`<p style="margin-top: 30px;"></p>`

- **Div:** The page's div has to have the **'about'** class for basic format of a chapter's page to be applied like this: `<div class="about"></div>`.
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should food be left behind? Food and cooking are the core of our cultural identity other than being the basis of nutrition and health. The increasing availability of culinary data and the advent of computational methods for their scrutiny are dramatically changing the artistic outlook toward gastronomy. The application of data-driven strategies for investigating gastronomic data has opened up exciting avenues giving rise to an all-new field of 'Computational Gastronomy.' This emerging interdisciplinary science asks questions of culinary origin to seek their answers via the compilation of culinary data and their analysis using statistics, computer science, and artificial intelligence methods.

`<p></p>`

Can we make food computable? Food and cooking are multifaceted endeavors involving a host of factors-geo-cultural attributes, flavor profiles, cooking methods, nutritional profiles, and health associations, among others. Meticulous compilation of structured data on all of these facets is critical for making food computable.

`<p></p>`

What decides the uniqueness of a cuisine? French cuisine is different from Indian cuisine. And so is Mexican cuisine distinct from Thai cuisine. What determines the identity of a cuisine? While expert chefs will have qualitative answers to this question, looking through the lens of data, quantitative analysis points to 'culinary fingerprints' that highlight the essence of regional cuisines.

ADDING A DROPDOWN MENU - CODE VIEW

- **Div:** This is for page creation in the online book companion.
- **Options in dropdown:** option value is used by the code logic (option value="barGraph") and the inner text of <option> (<option value=""barGraph>**Bar Graph**</option>) is displayed to the user as an option in the dropdown.
- **Default Graph:** Default graph displayed to the user when no option is selected from the dropdown or when the page loads. It is an anchor element with link to the respective image and html file with inline styling.

Div →

Options in dropdown →

Default Graph {

```
<div class="topProcesses about">
  <h1>Top Processes</h1>
  <select class="dropdown" onchange="updateContent(this, 'topProcesses')">
    <option value="barGraph">Bar Graph</option>
    <option value="pieChart">Pie Chart</option>
  </select>
  <a class="imageLink" href="infographics/RDB_graphs/TopProcesses_Bargraph_RecipeDB.html"
    target="_blank" rel="noopener noreferrer">
    
</a>
  <hr class="horizontalRule">
  <p class="description">This is the bar graph for Top Processes.</p>
</div>
```


ADDING A DROPDOWN MENU - WEB VIEW

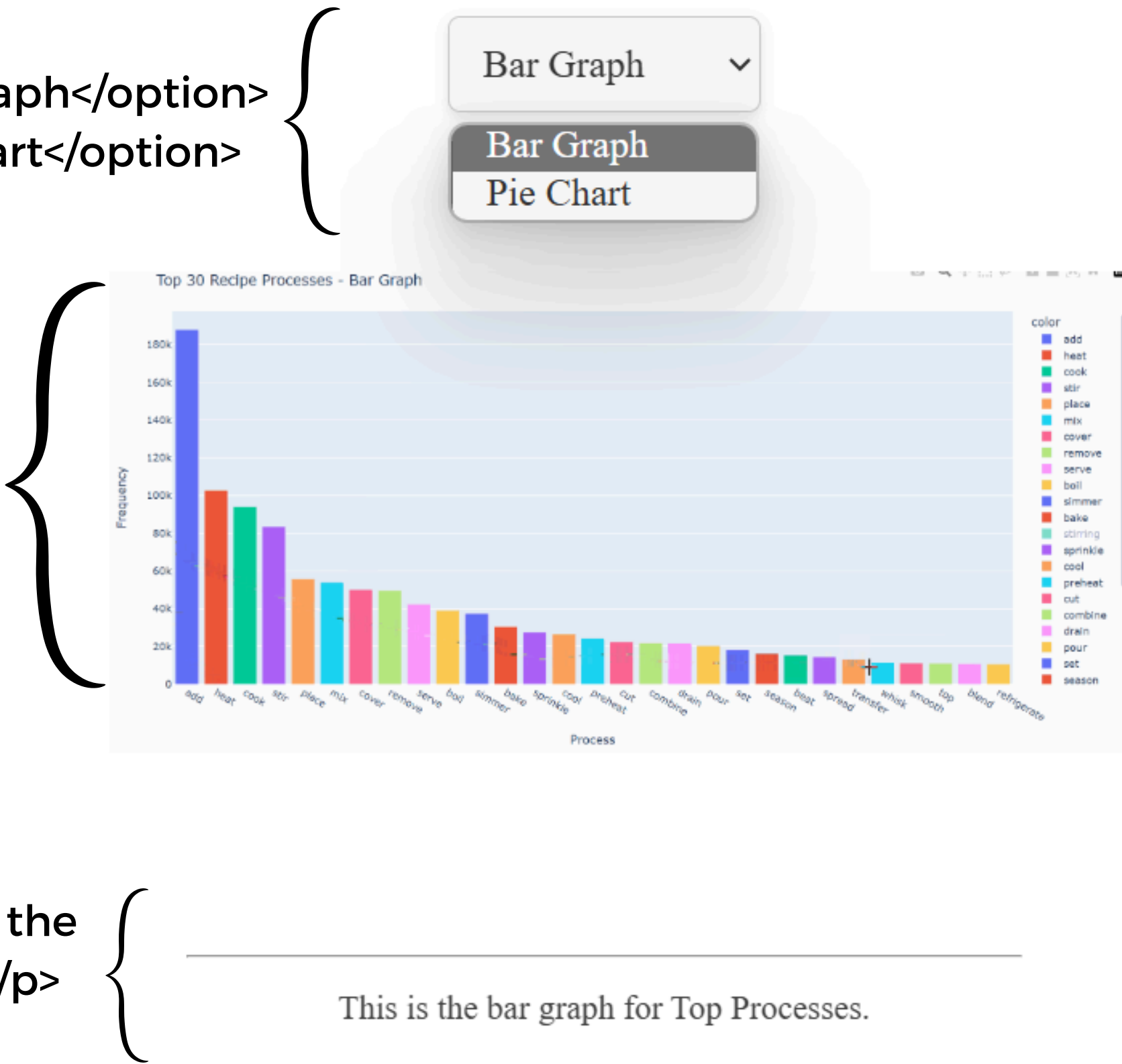
```
<option value="barGraph">Bar Graph</option>
<option value="pieChart">Pie Chart</option>
```

```
<a class="imageLink"
href="infographics/RDB_graphs/TopProcesses_
Bargraph_RecipeDB.html" target="_blank"
rel="noopener noreferrer">

</a>
```

```
<hr class="horizontalRule">
<p class="description">This is the
bar graph for Top Processes.</p>
```

Top Processes



EDITING THE SCRIPT FOR DROPDOWN

To add a new working dropdown, edit the function `updateContent()` in the script. Simply add the path of the directory to the html files in the `basePaths` Javascript object in the form (`topProcesses: 'infographics/RDB_graphs/'`), path of the directory to the .gif images in the `imgPaths` Javascript object in the form (`topProcesses: 'pages/RDB/TopProcesses'`), name of individual html files in the `paths` Javascript object in the form as used for other files, descriptions of individual graphs in the `descriptions` Javascript object in the form as used for other graphs, styling for individual graphs in the `styles` Javascript object in the form as used for other graphs.

Note: The name of the .gif images should be in this form:
`imgPaths[category]_selectedValue.gif`

`category`: the attribute sent while calling `updateContent` function (`onchange="updateContent(this, 'topProcesses')"`), can be same as the class of div in which the dropdown is created)
`selectedValue`: the value of “value” attribute of option. (`<option value="barGraph">`)

THANKS FOR READING

If you have any questions, let us know!

Kunal Sharma



Sarvagya Kaushik



Vansh

