**TO CREATE A CV using HTML and CSS.**

**Objective:**

1. To understand the use of different HTML tags.
2. To learn and understand the use of CSS properties.

**Theory:**

**HTML:**

HTML (Hypertext Markup Language) is the standard language used to create and design web pages. It provides a structure for organizing content using tags, which define the elements of a webpage such as headings, paragraphs, images, links, and more. HTML documents are interpreted by web browsers to render the visual layout and content of a webpage. It is the backbone of the World Wide Web, forming the foundation for building interactive and multimedia-rich websites. HTML works in conjunction with CSS (Cascading Style Sheets) and JavaScript to create dynamic and visually appealing web experiences.

**HTML properties used in this project:**

1. Main Element: `<main>` serves as the primary content section of a web page, providing thecentral focus for users and search engines to understand the purpose and theme of the document.
2. Article Element: Enclosed within `<article>`, individual pieces of content gain semanticsignificance, aiding accessibility and SEO by delineating stand-alone sections such as blog posts, forum threads, or news articles.
3. Section Element: `<section>` organizes related content thematically, enhancing the structuralclarity of web pages, thus facilitating navigation and comprehension for both users and assistive technologies.
4. Anchor Tag: `<a>` facilitates seamless navigation within and between web pages, acting ashyperlinks that connect content across the internet, enhancing user experience and interconnectivity.
5. Heading Tags: From `<h1>` to `<h6>`, heading tags hierarchically structure content, aidingreadability and SEO by signaling the importance of text elements, thereby guiding both users and search engines through the page's information hierarchy.
6. P Tag: Wrapped within `<p>`, textual content gains semantic meaning as paragraphs, aiding inreadability, accessibility, and styling, while maintaining separation between distinct units of information.
7. Attributes (ID and Classes):
   * ID Attribute: Uniquely identifies individual elements within a webpage, facilitating targetedstyling and scripting, while also serving as anchor points for intra-page navigation.
   * Class Attribute: Groups elements sharing similar characteristics, streamlining CSS styling andJavaScript functionality, promoting maintainability and scalability of web projects.

**CSS:**

CSS (Cascading Style Sheets) is a style sheet language used to describe the presentation of a document written in HTML or XML. It controls the visual appearance of HTML elements by specifying colors, fonts, spacing, layout, and more. CSS enables web designers to separate the content of a webpage from its presentation, allowing for consistent styling across multiple pages. It enhances the user experience by providing flexibility, responsiveness, and aesthetic appeal to websites. CSS works alongside HTML and JavaScript to create engaging and visually appealing web designs.

**Some of the CSS properties used in this project:**

* + Color: Sets the color of text content or backgrounds, enhancing readability and aesthetics.
  + Background Color: Defines the background color of elements, adding visual emphasis ordifferentiation to sections of a webpage.
  + Margin: Controls the spacing around elements, allowing for precise control over layout andalignment.
  + Padding: Adjusts the space between the content of an element and its border, enhancing visualappeal and readability.
  + Line Height: Sets the vertical spacing between lines of text, improving legibility and overalldesign consistency.
  + Text Transform: Alters the capitalization of text, offering options like uppercase or lowercase forstylistic purposes or to enhance accessibility.
  + Width: Specifies the width of an element, enabling responsive design and precise layout control.- Height: Determines the height of an element, crucial for creating consistent and visually appealing interfaces, particularly in grid-based layouts.

**Methodology:**

**HTML code:**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

    <meta *charset*="UTF-8">

    <meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

    <link *rel*="stylesheet" *href*="style.css">

    <title>Kushal Poudel | Flutter Developer</title>

</head>

<body>

    <div *class*="resume">

        <div *class*="left-side">

            <div *class*="profile">

                <div *class*="profile-img">

                    <img *src*="profile.jpg" *alt*="Profile Photo">

                </div>

                <h1 *class*="name">Kushal Poudel</h1>

                <p *class*="title">Student</p>

            </div>

            <div *class*="contact padding-top-bg">

                <h1 *class*="heading-primary-white">Contact</h1>

                <div *class*="info-box padding-top-sm">

                    <div *class*="info-title">Phone</div>

                    <div *class*="info">

                        <a *href*="+977-9846925453">+977-9846925453</a>

                    </div>

                </div>

                <div *class*="info-box padding-top-sm">

                    <div *class*="info-title">Email</div>

                    <div *class*="info">

                        <a *href*="kushalpoudel077@gmail.com">kushalpoudel077@gmail.com</a>

                    </div>

                </div>

                <div *class*="info-box padding-top-sm">

                    <div *class*="info-title">Address</div>

                    <div *class*="info">Archalboat, Pokhara</div>

                </div>

            </div>

            <div *class*="education padding-top-bg">

                <h1 *class*="heading-primary-white">Education</h1>

                <div *class*="info-box padding-top-sm">

                    <div *class*="info-title">Tribhuwan University</div>

                    <div *class*="info">Computer Science & Information technology,in progress.</div>

                </div>

            </div>

            <div *class*="expertise padding-top-bg">

                <h1 *class*="heading-primary-white">Expertise</h1>

                <div *class*="skill padding-top-sm">

                    <span></span>

                    <div *class*="skill-name">UI/UX</div>

                </div>

                <div *class*="skill padding-top-sm">

                    <span></span>

                    <div *class*="skill-name">Visual Design</div>

                </div>

                <div *class*="skill padding-top-sm">

                    <span></span>

                    <div *class*="skill-name">Flutter Development</div>

                </div>

            </div>

            <div *class*="language padding-top-bg">

                <h1 *class*="heading-primary-white">Language</h1>

                <div *class*="info-box padding-top-sm">

                    <div *class*="lang-box">

                        <p *class*="info-title">English</p>

                        <span *class*="percent"><div *style*="width: 70%;"></div></span>

                    </div>

                    <div *class*="lang-box">

                        <p *class*="info-title">Nepali</p>

                        <span *class*="percent"><div *style*="width: 100%;"></div></span>

                    </div>

                    <div *class*="lang-box">

                        <p *class*="info-title">Hindi</p>

                        <span *class*="percent"><div *style*="width: 40%;"></div></span>

                    </div>

                </div>

            </div>

        </div>

        <!-- *Right-side* -->

        <div *class*="right-side">

            <div *class*="about-me padding-top-bg">

                <h1 *class*="heading-primary-black">About Me</h1>

                <p *class*="discription">

Dedicated and enthusiastic BSc.CSIT student with a keen interest in mobile application development, particularly in FLutter. Posses a strong foundation in computer science concepts and programming languages. Proven ability to adapt quickly to new technlogies and work collaboratively in team enviroments.                </p>

            </div>

            <div *class*="experience padding-top-bg">

                <h1 *class*="heading-primary-black">Programming Skills</h1>

                <div *class*="xp-box padding-top-sm">

                    <p *class*="discription">

                        - Intermediate Dart Programming <br>

                        - Basic Knowledge of HTML CSS & JS <br>

                        - Basic C++ Programming <br>

                        - Intermediate C programming

                    </p>

                </div>

            </div>

            <div *class*="experience padding-top-bg">

                <h1 *class*="heading-primary-black">Hobbies</h1>

                <div *class*="xp-box padding-top-sm">

                    <p *class*="discription">

                        - Football <br>

                        - Fitness ( GYM ) <br>

                        - Reading <br>

                        - Basketball

                    </p>

                </div>

            </div>

            <div *class*="experience padding-top-bg">

                <h1 *class*="heading-primary-black">Projects</h1>

                <div *class*="xp-box padding-top-sm">

                    <p *class*="discription">

                        You can find projects created by me on following link. <br>

                        Github Repository Link:

<a *href*="https://github.com/kushalchh07">Click Me.</a>

                    </p>

                </div>

            </div>

        </div>

    </div>

</body>

</html>

**CSS code:**

@*import* url('https://fonts.googleapis.com/css2?family=Montserrat:wght@400;700&display=swap');

/\* *Basic Constraction* \*/

\* {

    margin: 0;

    padding: 0;

    box-sizing: border-box;

}

html {

    font-size: 62.5%;

}

body {

    display: flex;

    justify-content: center;

    align-items: center;

    font-family: 'lato', sans-serif;

    background-color: #586783;

}

.*resume* {

    margin: 10rem;

    display: grid;

    grid-template-columns: 1fr 2fr;

}

.*resume* .*left-side* {

    padding: 4rem;

    background-color: #323b4c;

    overflow: hidden;

}

.*resume* .*left-side* ::*selection* {

    color: #000;

    background-color: #fff;

}

.*resume* .*right-side* {

    padding: 4rem 3rem;

    background-color: #fff;

    overflow: hidden;

}

.*resume* .*right-side* ::*selection* {

    color: #fff;

    background-color: #323b4c;

}

/\* *Reusable Componant* \*/

.*padding-top-bg* {

    padding-top: 4rem !important;

}

.*padding-top-sm* {

    padding-top: 2rem !important;

}

.*heading-primary-white*,

.*heading-primary-black* {

    font-size: 2.4rem;

    font-weight: bold;

    letter-spacing: 2px;

    margin-bottom: 1rem;

    position: relative;

}

.*heading-primary-white* {color: #fff;}

.*heading-primary-black* {color: #000;}

.*heading-primary-white*::*after*,

.*heading-primary-black*::*after* {

    content: '';

    height: 2px;

    position: absolute;

    left: 0;

    top: 3.5rem;

}

.*heading-primary-white*::*after* {background-color: #fff; width: 120%;}

.*heading-primary-black*::*after* {background-color: #000; width: 100%;}

.*info-box* .*info-title* {

    color: #fff;

    font-size: 1.8rem;

    font-weight: bold;

    margin-bottom: 5px;

}

.*info-box* .*info*,

.*info-box* .*info* a {

    color: #ddd;

    font-size: 1.4rem;

    text-decoration: none;

    margin-bottom: 5px;

}

.*discription* {

    font-size: 1.6rem;

    color: #555;

    padding: 1.5rem 0;

    text-align: justify;

    line-height: 1.5;

}

/\* *Profile* \*/

.*profile* {

    display: flex;

    flex-direction: column;

    align-items: center;

}

.*profile* .*name* {

    font-size: 2.4rem;

    color: #fff;

    margin-bottom: 2px;

}

.*profile* .*title* {

    font-size: 1.6rem;

    color: #ddd;

    letter-spacing: 3px;

}

.*profile* .*profile-img* {

    background-color: #fff;

    width: 20rem;

    height: 20rem;

    border-radius: 50%;

    overflow: hidden;

    display: flex;

    justify-content: center;

    align-items: center;

    border: 2px solid #fff;

    margin: 0 auto;

    margin-bottom: 2rem;

}

.*resume* .*left-side* .*profile-img* img {

    width: 100%;

}

/\* *Expertise* \*/

.*skill* {

    display: flex;

    align-items: center;

    gap: 2rem;

}

.*skill* span {

    display: block;

    height: 3px;

    width: 3px;

    border-radius: 50%;

    background-color: #fff;

}

.*skill* .*skill-name* {

    color: #fff;

    font-size: 1.6rem;

}

/\* *Language* \*/

.*lang-box* {

    display: flex;

    justify-content: space-between;

    align-items: center;

    gap: 2rem;

    padding-bottom: 1rem;

}

.*lang-box* p {

    width: 40%;

}

.*lang-box* .*percent* {

    position: relative;

    display: block;

    height: 5px;

    width: 60%;

    background-color: #fff;

}

.*lang-box* .*percent* div {

    position: absolute;

    background-color: #2264ff;

    height: 5px;

}

/\* *Experience* \*/

.*xp-box* {

    position: relative;

    padding-left: 3rem;

}

.*xp-box*::*before* {

    content: '';

    position: absolute;

    top: 2rem;

    left: 0;

    background-color: #555;

    height: 100%;

    width: 2px;

}

.*xp-box*:*last-child*:*before* {

    height: 91%;

}

.*xp-box*::*after* {

    content: '';

    position: absolute;

    top: 2rem;

    left: -7px;

    background-color: #fff;

    height: 1.2rem;

    width: 1.2rem;

    border-radius: 50%;

    border: 2px solid #333;

}

.*xp-box* .*xp-year* {

    color: #333;

    font-size: 1.4rem;

    font-weight: bold;

    margin-bottom: 5px;

    letter-spacing: 2px;

}

.*xp-box* .*xp-company* {

    color: #555;

    font-size: 1.6rem;

    margin-bottom: 5px;

}

.*xp-box* .*xp-position* {

    color: #333;

    font-size: 1.8rem;

    font-weight: bold;

}

.*xp-box* .*padding-fix* {

    padding-bottom: 0;

}

/\* *Responsive* \*/

@*media* screen and (max-width: 1000px) {

    .*resume* {

        grid-template-columns: repeat(1, 1fr);

    }

}

@*media* screen and (max-width: 700px) {

    .*refer-box* {display: block;}

    .*refer*:*first-child* {margin-bottom: 3rem;}

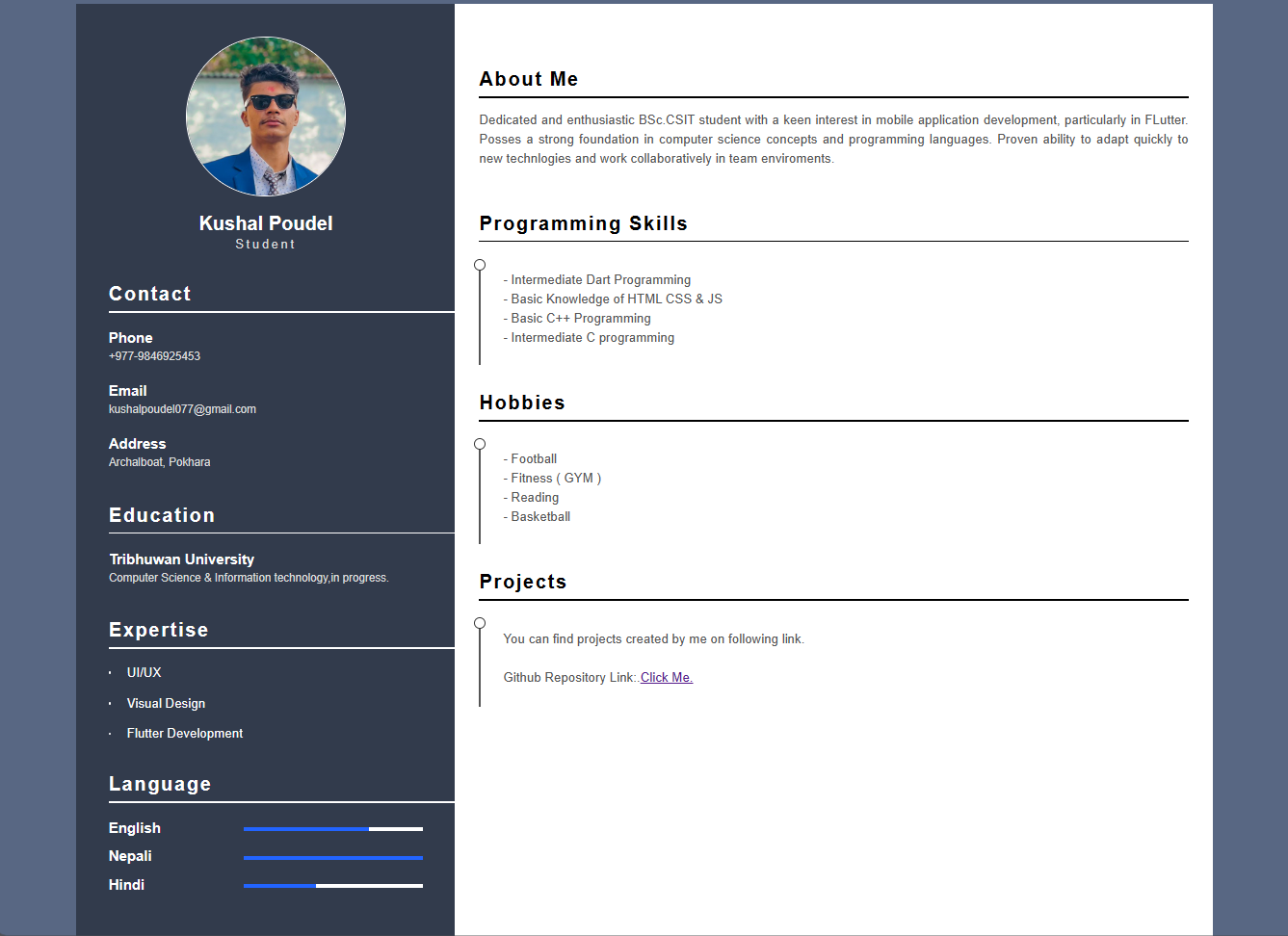
    .*resume* {margin: 0;}

}

The code can be cloned or downloaded using this link.

<https://github.com/kushalchh07/CV-resume.git>

**Output:**



**Conclusion:**

HTML's structural elements and CSS's styling properties, crafting a compelling Curriculum Vitae (CV) becomes an intuitive endeavor. Employing CSS properties like margin and padding allows for precise layout control, ensuring information is well-organized and visually appealing. Properties such as color and background-color add vibrancy and emphasis to key sections, while texttransform enhances readability. Utilizing width and height attributes ensures consistency and balance, while line-height promotes legibility.