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(इसलिंग्टन कलेज)

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I confirm that I understand my coursework needs to be submitted online via Google Classroom under the relevant module page before the deadline in order for my assignment to be accepted and marked. I am fully aware that late submissions will be treated as non-submission and a marks of zero will be awarded.

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1. Introduction

This coursework was about creating a website using different tools in HTML , different html tags were used while creating this website like - div , meta , image etc . Also ,internal external and internal CSS were used. This is a simple website containing – Home , CV , Blog , Research , Contact and a hamburger menu view section.The goal of this project was to create a simple website where there is a home section, CV section , blog section, research section , contact section with the use of various html tags , css and js . The nav bar contains Home , CV , Blog , Research , Contact and a hamburger menu view section . By just clicking on the home ,CV ,Blog , Research , Contact on the nav bar it takes you to different section on the site. The home page contains “hey there!!!, my name is dipesh raj sharma” as an introduction to the page and a background image of a white flower . Well, many css tags was used to decorate the page like the font size ,text design , padding etc.And java script was used to create the hamburger menu . Then the CV section is very simple where my name is written at the head section then contact details is located right below it,profile , education , skills ,languages, hobbies. Are listed with the use of ol and ul tags. Then on the blog section there is an article about use of technology in our daily life . After that there is research section where I researched about the websites and a contact section with phone, email , address box. The footer section has my social media sites and below that there is a copy right tag with my name.

2. Discussion and analysis

1. Text editor

The text editor that was used was Visual studio code. It is a lightweight but powerful source code editor which runs on your desktop and is available for Windows, macOS and Linux. It comes with built-in support for JavaScript, TypeScript and Node.js and has a rich ecosystem of extensions for other languages (such as C++, C#, Java, Python, PHP, Go) and runtimes (such as .NET and Unity). From what I have seen from using sublime and other source code editor I found VSC as the most user friendly source code editor.

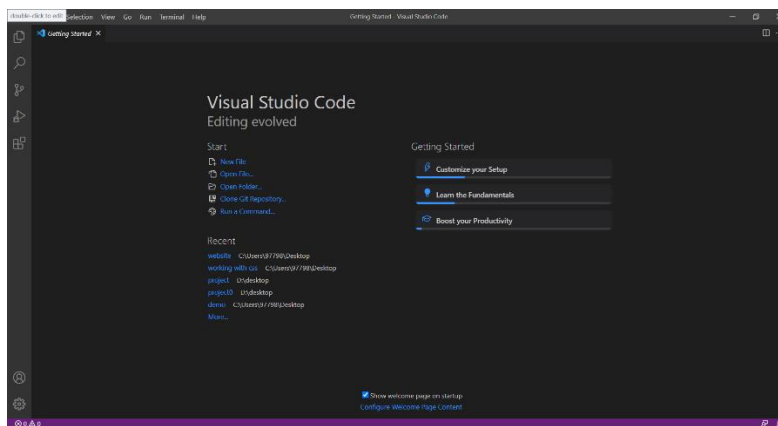


Figure 1 : VSC

2. Wireframes

Wireframing is a way to design a website. A wireframe is a layout of a web page that demonstrates what interface elements will exist on key pages. It is a critical part of the interaction design process. It is used in early development of the basic structure of a page before designing the content. Wireframes just help users to understand their design more easily.

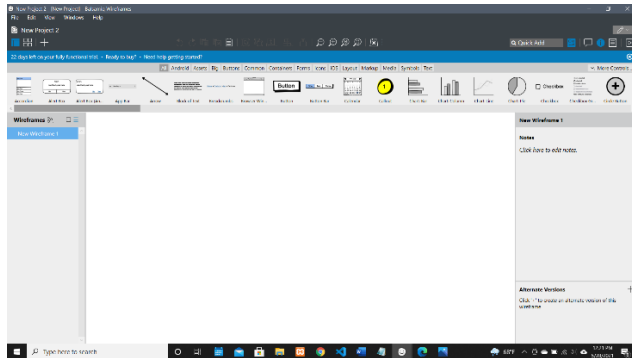


Figure 2- balsamiq wireframes

Homepage I made using Balsamiq wireframes:

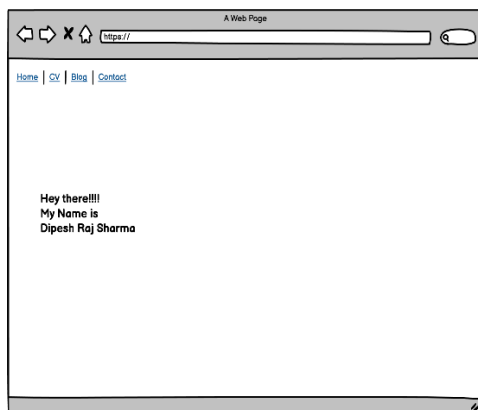


Figure 3- Homepage using Balsamiq wireframes

Homepage I made using VSC:

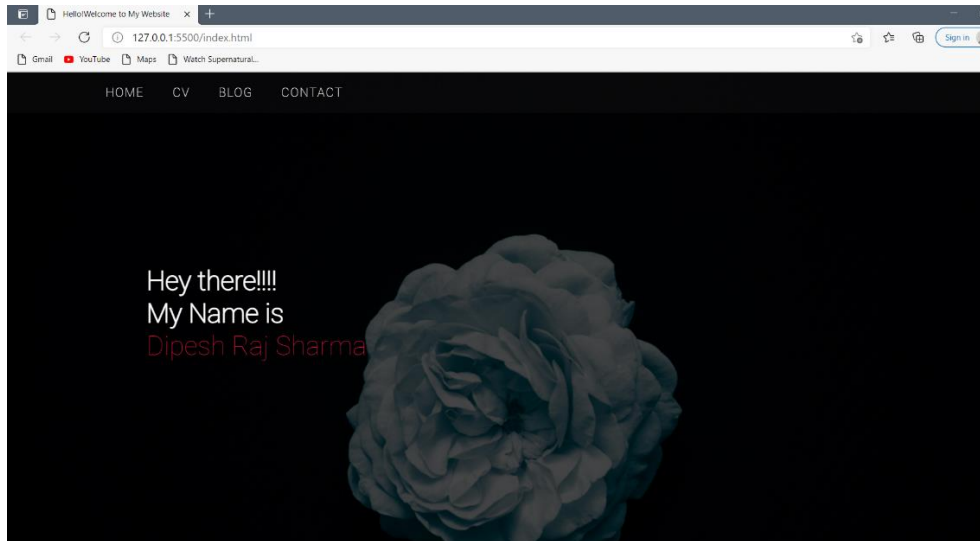


Figure 4-homepage using VSC

CV:

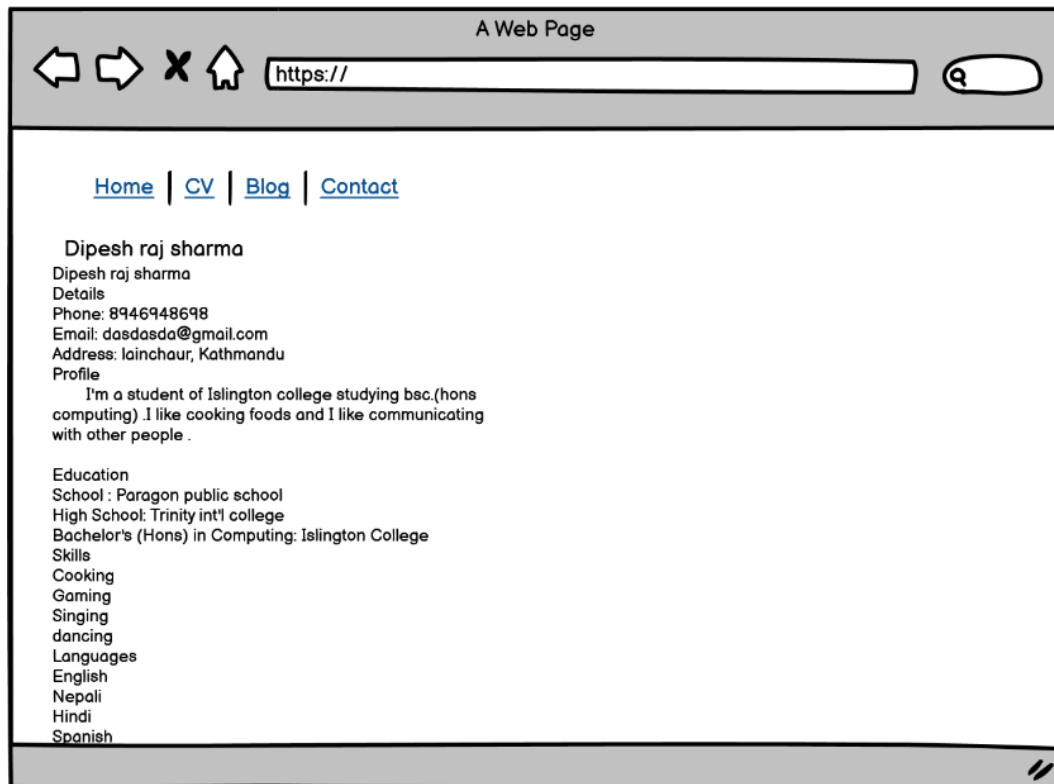


Figure 5-CV using Balsamiq wireframes

CV I made using VSC:

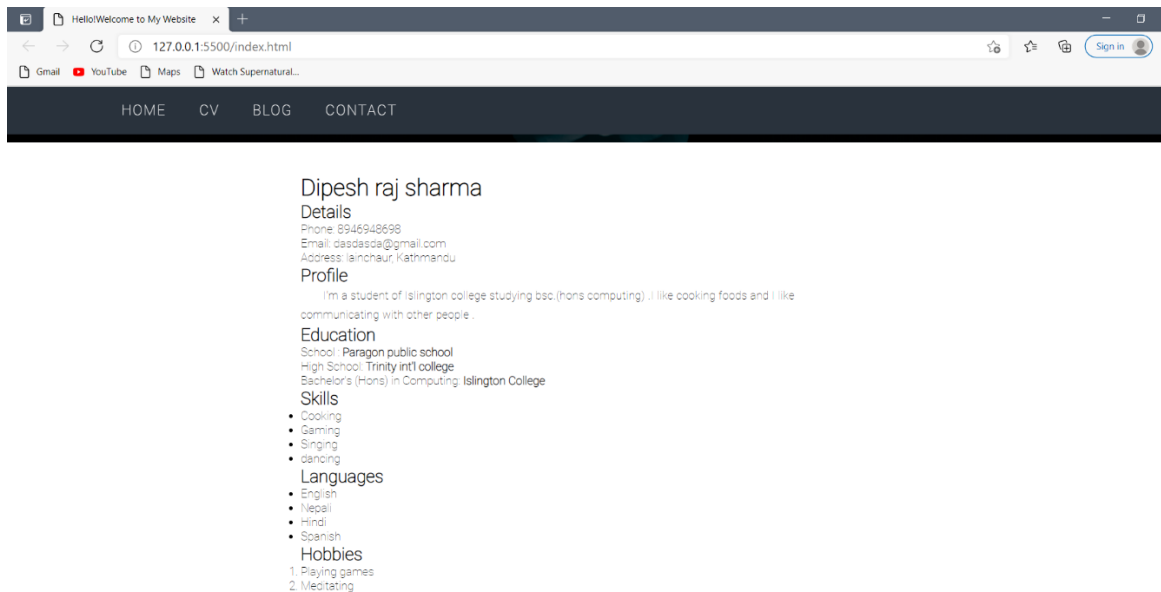


Figure 6- CV using VSC

Blog:

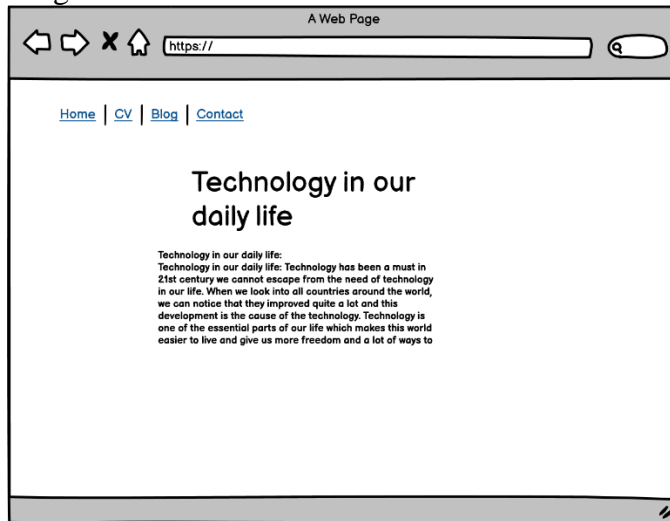


Figure 7-Blog using Balsamiq wireframes

Blog I made using VSC :

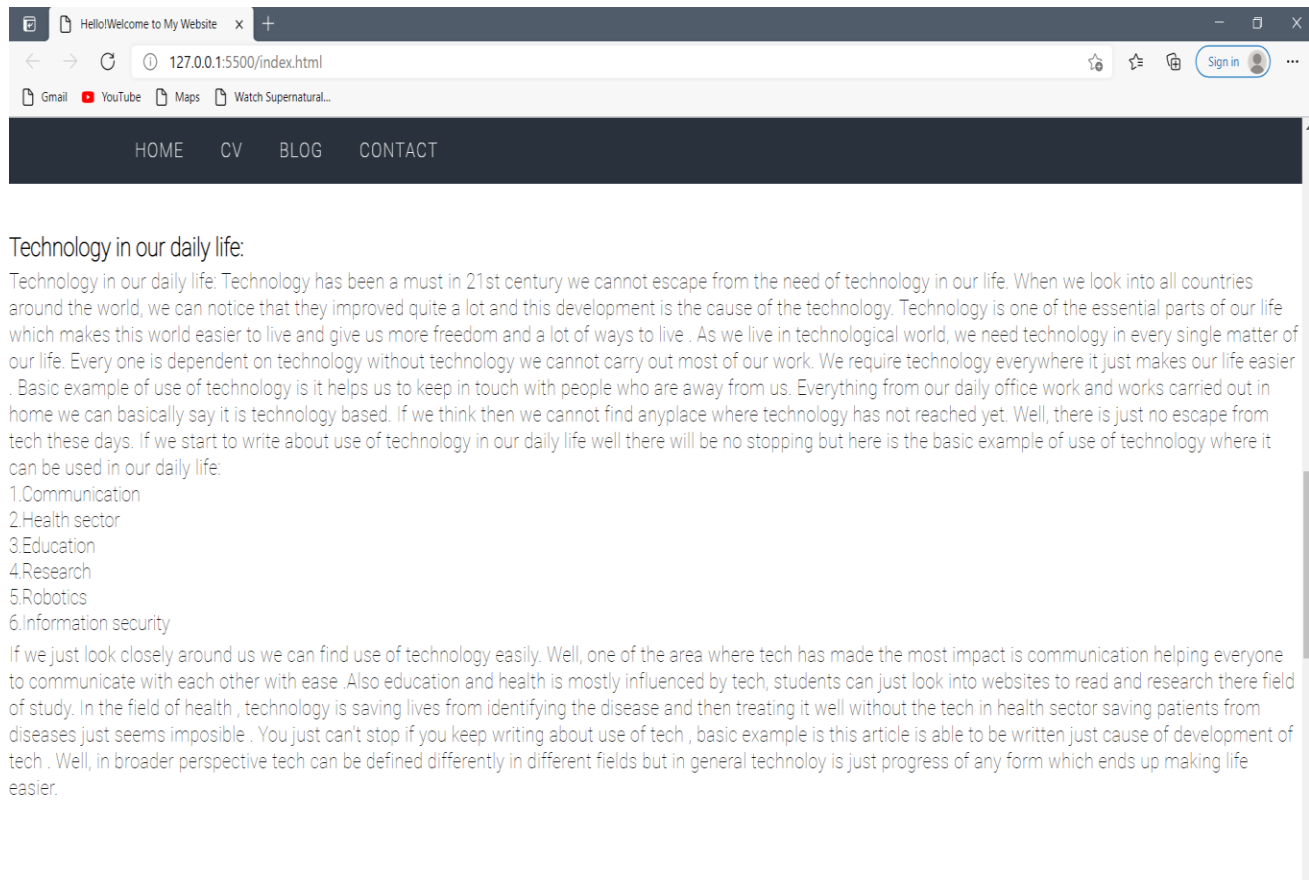


Figure 8- Blog using VSC

Contact:

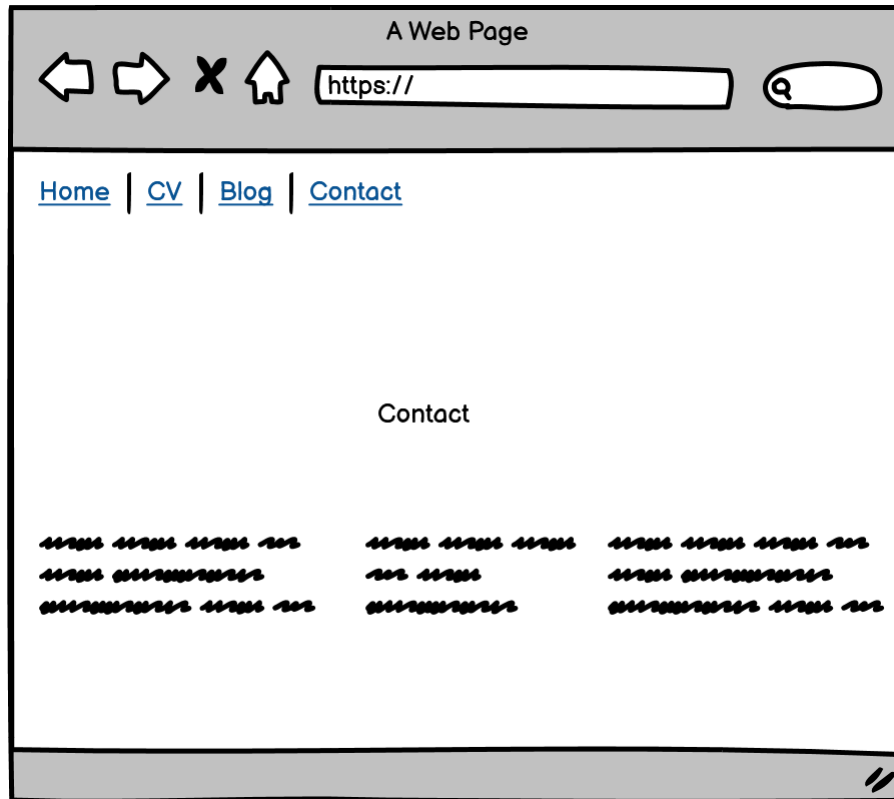


Figure 9- contact using balsamiq wireframes

Contact I made using VSC :

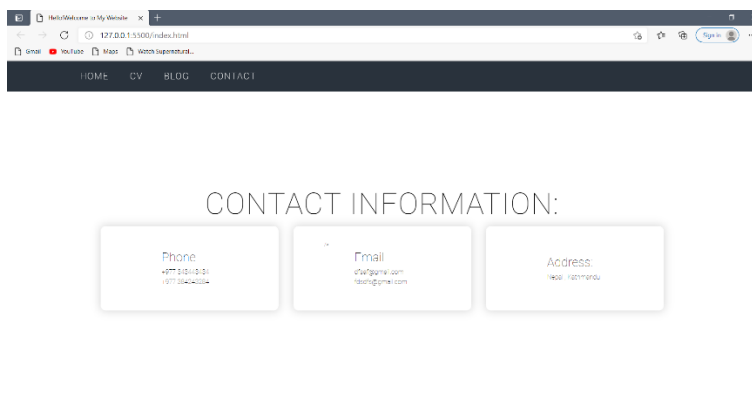


Figure 10- contact using VSC

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="//css/g.css">
  <title>Hello!Welcome to My Website</title>
  <style>

  </style>
</head>

<body>
  <!-- Header -->
  <section id="header">
    <div class="header container">
      <div class="nav-bar">

        <div class="nav-list">
          <div class="hamburger">
            <div class="bar"></div>
          </div>
          <ul>
            <li><a href="#hei" data-after="Home">Home</a></li>
            <li><a href="#CV" data-after="CV">CV</a></li>
            <li><a href="#blog" data-after="blog">Blog</a></li>
            <li><a href="#contact" data-after="Contact">Contact</a></li>
          </ul>
        </div>
      </div>
    </div>
  </section>
  <!-- End Header -->
```

```

<!-- Hei Section -->
<section id="hei">
  <div class="hei container">
    <div>
      <h1>Hey there!!!! <span></span></h1>
      <h1>My Name is <span></span></h1>
      <h1>Dipesh Raj Sharma <span></span></h1>

    </div>
  </div>
</section>
<!-- End Hei Section -->

<!-- CV Section -->
<div class="CV" id="CV">
  <h1>Dipesh raj sharma</h1>
  <h2>Details</h2>
  <dt>Phone: 8946948698</dt>
  <dt>Email: dasdasda@gmail.com</dt>
  <dt>Address: lainchaur, Kathmandu</dt>
  <h2>Profile</h2>
  <p style=" margin-top: 0px;padding-right: 4vw;">
    &emsp;&emsp;I'm a student of Islington college studying bsc.(hons computin
g)
    .I like cooking foods and I like communicating with other people .
  </p>
  <h2>Education</h2>
  <dt> School : <b> Paragon public school</b></dt>
  <dt>High School: <b>Trinity int'l college</b> </dt>
  <dt>Bachelor's (Hons) in Computing: <b>Islington College</b></dt>
  <h2>Skills</h2>
  <ul>
    <li>Cooking</li>
    <li>Gaming</li>
    <li>Singing</li>
    <li>dancing</li>

  </ul>

  <h2>Languages</h2>
  <ul>
    <li>English</li>
    <li>Nepali</li>
    <li>Hindi</li>
    <li>Spanish</li>

```

```

</ul>
<h2>Hobbies</h2>
<ol>
  <li>Playing games</li>
  <li>Meditating</li>
</ol>
</div>
<!-- End CV Section -->

<!-- blog Section -->

<section id="blog">

  <h1 style="font-size: 24px;"> Technology in our daily life:</h1>
  <p style="font-size: 20px;">

    Technology in our daily life:
    Technology has been a must in 21st century we cannot escape from the need o
f technology in our life.
    When we look into all countries around the world, we can notice that they i
mproved quite a lot and this development is the cause of the technology.
    Technology is one of the essential parts of our life which makes this world
easier to live and give us more freedom and a lot of ways to live .
    As we live in technological world, we need technology in every single matte
r of our life.
    Every one is dependent on technology without technology we cannot carry out
most of our work.
    We require technology everywhere it just makes our life easier .
    Basic example of use of technology is it helps us to keep in touch with peo
ple who are away from us.
    Everything from our daily office work and works carried out in home we can
basically say it is technology based.
    If we think then we cannot find anyplace where technology has not reached y
et.
    Well, there is just no escape from tech these days. If we start to write ab
out use of technology in our daily life well there will be no stopping but here i
s the basic example of use of technology where it can be used in our daily life:<
/p>

  <ol style=" font-size: 20px ;" >

    <li>1.Communication</li>
    <li>2.Health sector</li>
    <li>3.Education </li>
    <li>4.Research </li>

```

```

    <li>5.Robotics</li>
    <li>6.Information security</li>

</ol>
<p style="font-size: 20px;">
    If we just look closely around us we can find use of technology easily. Well, one of the area where tech has made the most impact is communication helping everyone to communicate with each other with ease .Also education and health is mostly influenced by tech,
    students can just look into websites to read and research there field of study. In the field of health , technology is saving lives from identifying the disease and then treating it well without the tech in health sector saving patients from diseases just seems imposible .
    You just can't stop if you keep writing about use of tech , basic example is this article is able to be written just cause of development of tech . Well, in broader perspective tech can be defined differently in different fields but in general technoloy is just progress of any form which ends up making life easier.

</p>

</div>
</section>
<!-- End blog Section -->

<!-- Contact Section -->
<section id="contact">
    <div class="contact container">
        <div>
            <h1 class="section-title">Contact Information:</h1>
        </div>
        <div class="contact-items">
            <div class="contact-item">
                <div class="icon"> </div>
                <div class="contact-info">
                    <h1>Phone</h1>
                    <h2>+977 343443434</h2>
                    <h2>+977 384243284</h2>
                </div>
            </div>
            <div class="contact-item">
                <div class="icon"> /></div>
                <div class="contact-info">
                    <h1>Email</h1>

```

```
<h2>dfsaf@gmail.com</h2>
<h2>fdsdfs@gmail.com</h2>
</div>
</div>
<div class="contact-item">
  <div class="icon"></div>
  <div class="contact-info">
    <h1>Address:</h1>
    <h2>Nepal , Kathmandu</h2>
  </div>
</div>
</div>
</div>
</section>
<!-- End Contact Section -->

<!-- Footer -->
<section id="footer">
  <div class="footer container">
    <div class="brand">
      <p>My social media sites:</p>

    </div>
    <div class="social-icon">
      <div class="social-item">
        <a href="#"></a>
      </div>
      <div class="social-item">
        <a href="#"></a>
      </div>

    </div>
    <p>Copyright © 2020 Dipesh. All rights reserved</p>
  </div>
</section>
<!-- End Footer -->
<script src="./a.js"></script>
</body>

</html>
```


CSS used:

```
@import url('https://fonts.googleapis.com/css2?family=Roboto:wght@100&display=swa
p');
* {
  padding: 0;
  margin: 0;
  box-sizing: border-box;
}
html {
  font-size: 10px;
  font-family: 'Roboto', sans-serif;
  scroll-behavior: smooth;
}
a {
  text-decoration: none;
}
.container {
  min-height: 100vh;
  width: 100%;
  display: flex;
  align-items: center;
  justify-content: center;
}
img {
  height: 100%;
  width: 100%;
  object-fit: cover;
}
.CV {
  width: 50%;
  background-color: white;
  margin: auto;
  padding-bottom: 100px;
  font-size: 15px;
  margin-top: 40px;
}
p {
  color: black;
  font-size: 1.4rem;
  margin-top: 5px;
  line-height: 2.5rem;
  font-weight: 300;
```

```
    letter-spacing: 0.05rem;
}
.section-title {
    font-size: 4rem;
    font-weight: 300;
    color: black;
    margin-bottom: 10px;
    text-transform: uppercase;
    letter-spacing: 0.2rem;
    text-align: center;
}
.section-title span {
    color: crimson;
}

.cta {
    display: inline-block;
    padding: 10px 30px;
    color: white;
    background-color: transparent;
    border: 2px solid crimson;
    font-size: 2rem;
    text-transform: uppercase;
    letter-spacing: 0.1rem;
    margin-top: 30px;
    transition: 0.3s ease;
    transition-property: background-color, color;
}
.cta:hover {
    color: white;
    background-color: crimson;
}
.brand h1 {
    font-size: 3rem;
    text-transform: uppercase;
    color: white;
}
.brand h1 span {
    color: crimson;
}

/* Header section */
#header {
    position: fixed;
    z-index: 1000;
}
```

```
    left: 0;
    top: 0;
    width: 100vw;
    height: auto;
}
#header .header {
    min-height: 8vh;
    background-color: rgba(31, 30, 30, 0.24);
    transition: 0.3s ease background-color;
}
#header .nav-bar {
    display: flex;
    align-items: center;
    justify-content: space-between;
    width: 100%;
    height: 100%;
    max-width: 1300px;
    padding: 0 10px;
}
#header .nav-list ul {
    list-style: none;
    position: absolute;
    background-color: rgb(31, 30, 30);
    width: 100vw;
    height: 100vh;
    left: 100%;
    top: 0;
    display: flex;
    flex-direction: column;
    justify-content: center;
    align-items: center;
    z-index: 1;
    overflow-x: hidden;
    transition: 0.5s ease left;
}
#header .nav-list ul.active {
    left: 0%;
}
#header .nav-list ul a {
    font-size: 2.5rem;
    font-weight: 500;
    letter-spacing: 0.2rem;
    text-decoration: none;
    color: white;
    text-transform: uppercase;
```

```
padding: 20px;
display: block;
}
#header .nav-list ul a::after {
  content: attr(data-after);
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50%, -50%) scale(0);
  color: rgba(240, 248, 255, 0.021);
  font-size: 13rem;
  letter-spacing: 50px;
  z-index: -1;
  transition: 0.3s ease letter-spacing;
}
#header .nav-list ul li:hover a::after {
  transform: translate(-50%, -50%) scale(1);
  letter-spacing: initial;
}
#header .nav-list ul li:hover a {
  color: crimson;
}
#header .hamburger {
  height: 60px;
  width: 60px;
  display: inline-block;
  border: 3px solid white;
  border-radius: 50%;
  position: relative;
  display: flex;
  align-items: center;
  justify-content: center;
  z-index: 100;
  cursor: pointer;
  transform: scale(0.8);
  margin-right: 20px;
}
#header .hamburger:after {
  position: absolute;
  content: '';
  height: 100%;
  width: 100%;
  border-radius: 50%;
  border: 3px solid white;
  animation: hamburger_puls 1s ease infinite;
```

```
}
#header .hamburger .bar {
    height: 2px;
    width: 30px;
    position: relative;
    background-color: white;
    z-index: -1;
}
#header .hamburger .bar::after,
#header .hamburger .bar::before {
    content: '';
    position: absolute;
    height: 100%;
    width: 100%;
    left: 0;
    background-color: white;
    transition: 0.3s ease;
    transition-property: top, bottom;
}
#header .hamburger .bar::after {
    top: 8px;
}
#header .hamburger .bar::before {
    bottom: 8px;
}
#header .hamburger.active .bar::before {
    bottom: 0;
}
#header .hamburger.active .bar::after {
    top: 0;
}
/* End Header section */

/* Hero Section */
#hei {
    background-image: url(../img/f.jpg);
    background-size: cover;
    background-position: top center;
    position: relative;
    z-index: 1;
}
#hei::after {
    content: '';
    position: absolute;
    left: 0;
```

```
    top: 0;
    height: 100%;
    width: 100%;
    background-color: black;
    opacity: 0.7;
    z-index: -1;
}
#hei .hei {
    max-width: 1200px;
    margin: 0 auto;
    padding: 0 50px;
    justify-content: flex-start;
}
#hei h1 {
    display: block;
    width: fit-content;
    font-size: 4rem;
    position: relative;
    color: transparent;
    animation: text_reveal 0.5s ease forwards;
    animation-delay: 1s;
}
#hei h1:nth-child(1) {
    animation-delay: 1s;
}
#hei h1:nth-child(2) {
    animation-delay: 2s;
}
#hei h1:nth-child(3) {
    animation: text_reveal_name 0.5s ease forwards;
    animation-delay: 3s;
}
#hei h1 span {
    position: absolute;
    top: 0;
    left: 0;
    height: 100%;
    width: 0;
    background-color: crimson;
    animation: text_reveal_box 1s ease;
    animation-delay: 0.5s;
}
#hei h1:nth-child(1) span {
    animation-delay: 0.5s;
}
```

```
#hei h1:nth-child(2) span {
  animation-delay: 1.5s;
}
#hei h1:nth-child(3) span {
  animation-delay: 2.5s;
}

/*end hei section*/

/* contact Section */
#contact .contact {
  flex-direction: column;
  max-width: 1200px;
  margin: 0 auto;
  width: 90%;
}
#contact .contact-items {
  /* max-width: 400px; */
  width: 100%;
}
#contact .contact-item {
  width: 80%;
  padding: 20px;
  text-align: center;
  border-radius: 10px;
  padding: 30px;
  margin: 30px;
  display: flex;
  justify-content: center;
  align-items: center;
  flex-direction: column;
  box-shadow: 0px 0px 18px 0 #0000002c;
  transition: 0.3s ease box-shadow;
}
#contact .contact-item:hover {
  box-shadow: 0px 0px 5px 0 #0000002c;
}
#contact .icon {
  width: 70px;
  margin: 0 auto;
  margin-bottom: 10px;
}
#contact .contact-info h1 {
  font-size: 2.5rem;
  font-weight: 500;
}
```

```
    margin-bottom: 5px;
}
#contact .contact-info h2 {
    font-size: 1.3rem;
    line-height: 2rem;
    font-weight: 500;
}
/*End contact Section */

/* Footer */
#footer {
    background-image: linear-gradient(60deg, #29323c 0%, #485563 100%);
}
#footer .footer {
    min-height: 200px;
    flex-direction: column;
    padding-top: 50px;
    padding-bottom: 10px;
}
#footer h2 {
    color: white;
    font-weight: 500;
    font-size: 1.8rem;
    letter-spacing: 0.1rem;
    margin-top: 10px;
    margin-bottom: 10px;
}
#footer .social-icon {
    display: flex;
    margin-bottom: 30px;
}
#footer .social-item {
    height: 50px;
    width: 50px;
    margin: 0 5px;
}
#footer .social-item img {
    filter: grayscale(1);
    transition: 0.3s ease filter;
}
#footer .social-item:hover img {
    filter: grayscale(0);
}
#footer p {
    color: white;
```



```
    font-size: 1.3rem;
}
/* End Footer */

/* Keyframes */
@keyframes hamburger_puls {
    0% {
        opacity: 1;
        transform: scale(1);
    }
    100% {
        opacity: 0;
        transform: scale(1.4);
    }
}

@keyframes text_reveal_box {
    50% {
        width: 100%;
        left: 0;
    }
    100% {
        width: 0;
        left: 100%;
    }
}

@keyframes text_reveal {
    100% {
        color: white;
    }
}

@keyframes text_reveal_name {
    100% {
        color: crimson;
        font-weight: 500;
    }
}

/* End Keyframes */

/* Media Query For Tablet */
@media only screen and (min-width: 768px) {
    .cta {
        font-size: 2.5rem;
        padding: 20px 60px;
    }
    h1.section-title {
```

```
        font-size: 6rem;
    }

    /* Hero */
    #hero h1 {
        font-size: 7rem;
    }
    /* End Hero */

    /* Services Section */
    #services .service-bottom .service-item {
        flex-basis: 45%;
        margin: 2.5%;
    }
    /* End Services Section */

    /* Project */
    #projects .project-item {
        flex-direction: row;
    }
    #projects .project-item:nth-child(even) {
        flex-direction: row-reverse;
    }
    #projects .project-item {
        height: 400px;
        margin: 0;
        width: 100%;
        border-radius: 0;
    }
    #projects .all-projects .project-info {
        height: 100%;
    }
    #projects .all-projects .project-img {
        height: 100%;
    }
    /* End Project */

    /* About */
    #about .about {
        flex-direction: row;
    }
    #about .col-left {
        width: 600px;
        height: 400px;
        padding-left: 60px;
    }
```

```
}
#about .about .col-left .about-img::after {
    left: -45px;
    top: 34px;
    height: 98%;
    width: 98%;
    border: 10px solid crimson;
}
#about .col-right {
    text-align: left;
    padding: 30px;
}
#about .col-right h1 {
    text-align: left;
}
/* End About */

/* contact */
#contact .contact {
    flex-direction: column;
    padding: 100px 0;
    align-items: center;
    justify-content: center;
    min-width: 20vh;
}
#contact .contact-items {
    width: 100%;
    display: flex;
    flex-direction: row;
    justify-content: space-evenly;
    margin: 0;
}
#contact .contact-item {
    width: 30%;
    margin: 0;
    flex-direction: row;
}
#contact .contact-item .icon {
    height: 100px;
    width: 100px;
}
#contact .contact-item .icon img {
    object-fit: contain;
}
#contact .contact-item .contact-info {
```

```
        width: 100%;
        text-align: left;
        padding-left: 20px;
    }
    /* End contact */
}
/* End Media Query For Tablet */

/* Media Query For Desktop */
@media only screen and (min-width: 1200px) {
    /* header */
    #header .hamburger {
        display: none;
    }
    #header .nav-list ul {
        position: initial;
        display: block;
        height: auto;
        width: fit-content;
        background-color: transparent;
    }
    #header .nav-list ul li {
        display: inline-block;
    }
    #header .nav-list ul li a {
        font-size: 1.8rem;
    }
    #header .nav-list ul a:after {
        display: none;
    }
    /* End header */

    #services .service-bottom .service-item {
        flex-basis: 22%;
        margin: 1.5%;
    }
}
```

3. Conclusion:

After learning web design in the introduction to information systems module , The coursework that was assigned to us was about creating a basic website . Completing this coursework just gives basic understanding of creating a website with the help of different Html tools . The web designing portion takes a long time with the proper use of tags, css, javascript. But with the help of lecture slides I was able to complete till portion what I have completed. It would have been impossible to complete without the references that I have taken from different website and youtube.

Doing this course work has developed my research skills and web designing skill to some level .The coursework was very time consuming to but I think it will get paid off.

4. Reference :

1. <https://www.youtube.com/watch?v=ZFQkb26UD1Y&t=199s>