

## PART 1- CODE REVIEW

\*It is a whole one page, so I have added a background image for full page.  
Here is the CSS code for it

```
body{  
    background-image: url(gradient1.png);  
    background-size: cover;  
}
```

### EXAMPLE-1

a) Code snippet:

```
<nav>  
    <a href="index.html">HOME | </a>  
    <a href="about.html">ABOUT ME | </a>  
    <a href="resources.html">LEARNING RESOURCES</a>  
</nav>  
<h1>  
    KRISH PATEL  
</h1>  
<h2>  
    PERSONAL WEBSITE OF A 1ST YEAR CS STUDENT  
</h2>
```

b) Current Outcome:

---

[HOME](#) | [ABOUT ME](#) | [LEARNING RESOURCES](#)

**KRISH PATEL**

**PERSONAL WEBSITE OF A 1ST YEAR CS STUDENT**

c) Desired Outcome:

- Using internet from many years, I have seen many websites which developed a prototype of a website and it made an image of my website header and navigation bar. I wanted a header line, or a header bar, title of my page floating on the left, navigation icons floating right . The next text below that bar.

d) Improved code snippet using html and css

#### HTML

```
<nav>
  <div id="navigation">
    <a href="index.html">HOME </a>
    <a href="about.html">ABOUT ME </a>
    <a href="resources.html">LEARNING RESOURCES</a>
  </div>
</nav>
<header><h1>
  KRISH PATEL
</h1>
</header>
<h2>
  PERSONAL WEBSITE OF A 1ST YEAR CS STUDENT
</h2>
```

#### CSS

```
*{
  border: 1%;
}
h3 + p{
  padding-top: 0.1em;
}
#navigation{
  background-color: beige;
  float: right;
  display: flex;
  padding-right: 3em;
  padding-top: 0.4em;
}
#navigation > a{
  padding: 1.8em;
  color: darkslategrey;
  font-size: 14pt;
```

```
}

header{
    background-color: beige;
    padding: 0.73em;
    color: green;
    font-family:'Courier New', Courier, monospace;
}

h2{
    color: rgb(83, 185, 83);
    padding: 0.5em 0.5em 0.5em 0.4em;
    font-size: 22pt;
    font-family:'Courier New', Courier, monospace;
}
```

### e) New outcome



## EXAMPLE 2

### a) Code Snippet

```
<h3>
    MY JOURNEY
</h3>

<div class="myself">

    <p>
        A student of computer science and a lover of mathematics
        with a passion for solving mind games.
        A graduate from the prestigious Jamnabai Narsee School,
        aiming to make a mark in the field of technology.
    </p>
</div>
```

When I'm not studying, you can find me playing cricket or trying to unravel puzzles.

An international student migrated from India to complete tertiary education having basic understanding of programming after studying in high school.

```
</p>
<a href="about.html"></a>
</div>
```

### b) Current outcome

#### MY JOURNEY



A student of computer science and a lover of mathematics with a passion for solving mind games. A graduate from the prestigious Jamnabai Narsee School, aiming to make a mark in the field of technology. When I'm not studying, you can find me playing cricket or trying to unravel puzzles. An international student migrated from India to complete tertiary education having basic understanding of programming after studying in high school.

### c) Desired outcome

- Here all my content is on the left side of the page which is not looking so good. Using CSS, I would make "MY JOURNEY" as the heading, and displaying the image and the text as flexbox would align them perfectly. I would insert margins to the left, paddings and borders and shadow to images which would change this content completely.

### d) Improved code snippet using CSS

#### HTML

```
<h3>
    MY JOURNEY
</h3>

<div class="myself">

<p>
```

A student of computer science and a lover of mathematics with a passion for solving mind games.

A graduate from the prestigious Jamnabai Narsee School, aiming to make a mark in the field of technology.

When I'm not studying, you can find me playing cricket or trying to unravel puzzles.

An international student migrated from India to complete tertiary education having basic understanding of programming after studying in high school.

```
</p>
<a href="about.html"></a>
</div>
```

## CSS

```
body{
    background-image: url(gradient1.png);
    background-size: cover;
}
h3{
    padding-left: 5em;
    padding-top: 1em;
    padding-bottom: 1em;
    background-color: azure;
    color: teal;
}
.myself{
    display: flex;
    flex-direction: row;
}
img[alt="My Photo"]){
    padding: 1em 1.5em 1em 1.5em;
    border: 1px solid white;
    box-shadow: 0 0 1em rgb(132, 132, 132);
    border-radius: 1em;
}
.myself > p{
    font-size: 15pt;
    margin-left: 1cm;
    padding-top: 8px;
    padding-bottom: 260px;
```

}

## e) New Outcome

MY JOURNEY

A student of computer science and a lover of mathematics with a passion for solving mind games. A graduate from the prestigious Jamnabai Narsee School, aiming to make a mark in the field of technology. When I'm not studying, you can find me playing cricket or trying to unravel puzzles. An international student migrated from India to complete tertiary education having basic understanding of programming after studying in high school.



## EXAMPLE 3

### a) Code Snippet

```
<table>
    <th colspan="3">
        <em> Education</em>
    </th>
    <tr>
        <th>Dalhousie University, Halifax, NS</th>
        <th>Studying, Bachelor of Computer Science</th>
        <th><a href="https://www.dal.ca/">Click here to open Website</a></th>
    </tr>
    <tr>
        <th>Jamnabai Narsee School, India</th>
        <th>Completed High School</th>
        <th><a href="https://www.jnsgiftcity.org/">Click here to open Website</a></th>
    </tr>
</table>
```

### b) Current Outcome

### *Education*

Dalhousie University, Halifax, NS Studying, Bachelor of Computer Science [Click here to open Website](#)  
Jamnabai Narsee School, India Completed High School [Click here to open Website](#)

#### c) Desired Outcome

- In this table, HTML only code it is just a table without any borders and nothing. Using CSS, borders and color to the text can be given which will make it look a table.

#### d) Improved Code using CSS

##### HTML

```
<div class="table">
  <table border="1">
    <div class="heading">
      <th colspan="3">
        Education
      </th>
    </div>
    <tr>
      <th>Dalhousie University, Halifax, NS</th>
      <th>Studying, Bachelor of Computer Science</th>
      <th><a href="https://www.dal.ca/">Click here to open Website</a></th>
    </tr>
    <tr>
      <th>Jamnabai Narsee School, India</th>
      <th>Completed High School</th>
      <th><a href="https://www.jnsgiftcity.org/">Click here to open Website</a></th>
    </tr>
  </table>
</div>
```

##### CSS

```
.table{
  padding: 2em;
}
```

```
th {  
    padding: 1em;  
    font-size: 18pt;  
    color: green;  
}  
th ~ th{  
    padding: 1em;  
    font-size: 15pt;  
    color: green;  
}  
th > a{  
    color: green;  
}
```

### e) New Outcome

Education		
Dalhousie University, Halifax,NS	Studying, Bachelor of Computer Science	<a href="#">Click here to open Website</a>
Jamnabai Narsee School, India	Completed High School	<a href="#">Click here to open Website</a>

## EXAMPLE 4

### a) Code Snippet

```
<ul>  
  
<h4>  
    <li> FOR TECH</li>  
</h4>
```

```

<ol>
    <li>Steve Jobs </li>

        <ul><li> He is a man whom I idolise. He was a visionary who created a company(Apple) which is at the centre of tech world owning majority of smartphones sales.</li></ul>

        <a href="https://en.wikipedia.org/wiki/Steve_Jobs"></a>

        <li>Bill Gates </li>

        <ul><li> He is the man who established world's largest software corporation(Microsoft ) .
            Bill Gates demonstrates the importance of determination, hard effort, cooperation, practice, and decision-making in achieving success.</li></ul>
            <a href="https://en.wikipedia.org/wiki/Bill_Gates"></a>
</ol>

```

## b) Current Outcome

1.

Steve Jobs 

▪ He is a man whom I idolise. He was a visionary who created a company(Apple) which is at the centre of tech world owning majority of smartphones sales.



2.

Bill Gates 

▪ He is the man who established world's largest software corporation(Microsoft ) . Bill Gates demonstrates the importance of determination, hard effort, cooperation, practice, and decision-making in achieving success.



## c) Desired Outcome

- In the old code, the content is sticking close to each other, using padding and margin and alignment features in CSS it can be separated using proper gaps and font size can be increased to depict the hierarchy of list

elements which will create a good design and bordering of images should be done.

d) Improved code snippet with CSS

HTML

```
<hr>
<ol>
    <div class="stevejobs">
        <li>Steve Jobs </li>
        <a href="https://en.wikipedia.org/wiki/Steve_Jobs">
            </a>
            <ul><li> He is a man whom I idolise. He was a visionary who created a company(Apple) which is at the centre of tech world owning majority of smartphones sales.</li></ul>
        </div>
        <hr>
        <div class="billgates">
            <li>Bill Gates </li>
            <a href="https://en.wikipedia.org/wiki/Bill_Gates">
                </a>
                <ul><li> He is the man who established world's largest software corporation(Microsoft ) .
                    Bill Gates demonstrates the importance of determination, hard effort, cooperation, practice, and decision-making in achieving success.</li></ul>
            </div>
            <hr>
        </ol>
```

CSS

```
.stevejobs > li , .billgates > li {
    padding: 3mm ;
    font-size: 18pt;
```

```

}

.stevejobs > ul > li , .billgates > ul > li {
    padding-bottom: 4mm ;
    font-size: 14pt;
    margin-right: 9cm;
    padding-bottom: 13em;
}

.stevejobs > a > img , .billgates > a > img {
    padding: 1em;
    border: 1px solid white;
    box-shadow: 0 0 1em rgb(132, 132, 132);
    border-radius: 1em;
    float: right;
}

```

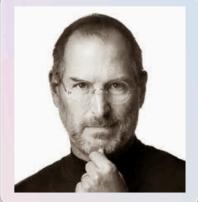
### e) New outcome

• FOR TECH

---

1. Steve Jobs 

- He is a man whom I idolise. He was a visionary who created a company(Apple) which is at the centre of tech world owning majority of smartphones sales.



---

2. Bill Gates 

- He is the man who established world's largest software corporation(Microsoft ). Bill Gates demonstrates the importance of determination, hard effort, cooperation, practice, and decision-making in achieving success.



## EXAMPLE 5

### a) Code snippet

```

<ol>
    <li>Narendra Modi</li>

```

<ul><li>Since Narendra Modi rose to prominence in the public domain, he has become one of the most influential leaders of our time.

In Prime Minister Modi, they found a leader who is a hard worker, a visionary, a risk-taker and a team player.

The fact that he works for 16 hours a day since so many years makes him very popular among the youth.

The way Prime Minister Modi defined his vision and then executed it with missionary fervor brought professionalism and accountability to governance.

Prime Minister Modi's fierce fight against corruption by declaring demonetization or he fully trusts the Indian armed forces to carry out surgical and air strikes in response to the terrorists.

The statement in their language showed everyone that Prime Minister Modi is not afraid to take riskful decisions.

It is evident that his rise in popularity at the global level is because of this all qualities he posses made him the most influential and popular world leader of 2023.

</li></ul>

<a href="https://en.wikipedia.org/wiki/Narendra\_Modi"></a>

</ol>

## b) Current Outcome

### 1. Narendra Modi

▪ Since Narendra Modi rose to prominence in the public domain, he has become one of the most influential leaders of our time. In Prime Minister Modi, they found a leader who is a hard worker, a visionary, a risk-taker and a team player. The fact that he works for 16 hours a day since so many years makes him very popular among the youth. The way Prime Minister Modi defined his vision and then executed it with missionary fervor brought professionalism and accountability to governance. Prime Minister Modi's fierce fight against corruption by declaring demonetization or he fully trusts the Indian armed forces to carry out surgical and air strikes in response to the terrorists. The statement in their language showed everyone that Prime Minister Modi is not afraid to take riskful decisions. It is evident that his rise in popularity at the global level is because of this all qualities he posses made him the most influential and popular world leader of 2023.



## c) Desired Outcome

- Using grid, the text and image can be separated and image will be in the second column to the right and it will create a good grid with content

properly placed. Adding padding and font size will separate the text and will display hierarchy of text accordingly.

d) Improved code using grid in CSS

```
<ol>
    <div class="narendramodii">
        <div class="grid-item1">
            <li>Narendra Modi</li>
        </div>

        <div class="grid-item2">
            <a href="https://en.wikipedia.org/wiki/Narendra_Modi">
                </a>
            </div>
        <div class="grid-item3">
            <ul><li>Since Narendra Modi rose to prominence in the
public domain, he has become one of the most influential leaders of our
time.
            <p>In Prime Minister Modi, they found a leader who is a
hard worker, a visionary, a risk-taker and a team player.
            <p>The fact that he works for 16 hours a day since so many
years makes him very popular among the youth.
            <p>The way Prime Minister Modi defined his vision and then
executed it with missionary fervor brought professionalism and
accountability to governance.
            <p>Prime Minister Modi's fierce fight against corruption
by declaring demonetization or he fully trusts the Indian armed forces
to carry out surgical and air strikes in response to the terrorists.
            <p>The statement in their language showed everyone that
Prime Minister Modi is not afraid to take riskful decisions.
            <p>It is evident that his rise in popularity at the global
level is because of this all qualities he posses made him the most
influential and popular world leader of 2023.
            </li></ul>
        </div>

    </div>
</ol>
```

## CSS

```
.narendramodi{  
    display: grid;  
    grid-template-rows: 10%;  
    grid-template-columns: 80% 20%;  
}  
.grid-item1, .grid-item2,.grid-item3 {  
    padding: 1em;  
    font-size: 14pt;  
    text-align: left;  
}  
.narendramodi > .grid-item1 > li{  
    font-size: 16pt;  
}  
.narendramodi > .grid-item2 > a > img{  
    padding: 1em;  
    border: 1px solid white;  
    box-shadow: 0 0 1em rgb(132, 132, 132);  
    border-radius: 1em;  
    float: right;  
}
```

### e) New Outcome

#### 1. Narendra Modi

- Since Narendra Modi rose to prominence in the public domain, he has become one of the most influential leaders of our time. In Prime Minister Modi, they found a leader who is a hard worker, a visionary, a risk-taker and a team player. The fact that he works for 16 hours a day since so many years makes him very popular among the youth. The way Prime Minister Modi defined his vision and then executed it with missionary fervor brought professionalism and accountability to governance. Prime Minister Modi's fierce fight against corruption by declaring demonetization or he fully trusts the Indian armed forces to carry out surgical and air strikes in response to the terrorists. The statement in their language showed everyone that Prime Minister Modi is not afraid to take riskful decisions. It is evident that his rise in popularity at the global level is because of all these qualities he possesses made him the most influential and popular world leader of 2023.

