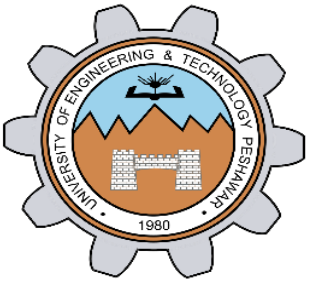
Improved Web Design using CSS/Bootstrap

LAB REPORT # 3



Spring 2023

Data Base Management System Lab

Submitted by: **Hamza Ali**

Registration No.: **20PWCSE1917**

Class Section: **B**

"On my honor, as student of University of Engineering and Technology, I have neither given nor received unauthorized assistance on this academic work."

Student Signature: HamzakhanSwati

Submitted to:

Ma'am Sumiyya

March 14, 2023

Department of Computer Systems Engineering

University of Engineering and Technology, Peshawar

Lab#3

Improved Web Design using CSS/Bootstrap

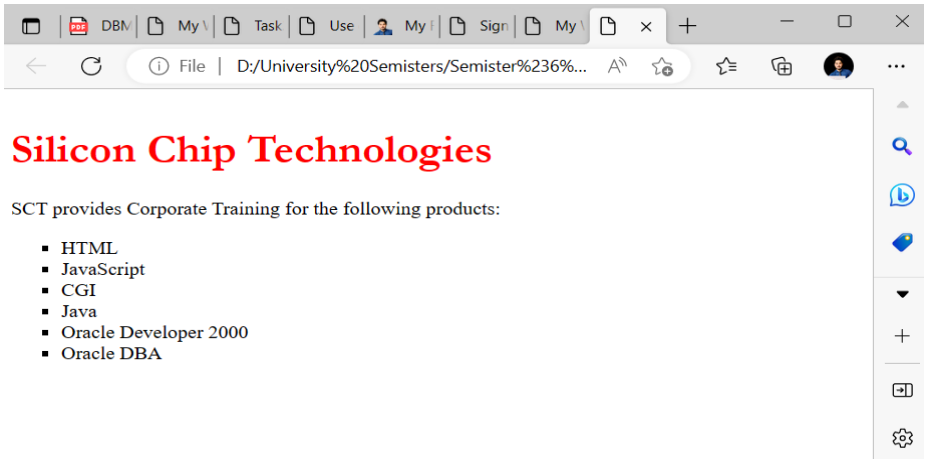
----------Task 3.2----------

Write the HTML code that generates the output web page shown in Figure 3.9 with following specification:

Code:

```
<!DOCTYPE html>
<html>
 <head>
  <title>My Web Page</title>
  <style>
   h1 {
    font-family: Garamond, serif;
    font-size: 26pt;
    color: red;
    margin-top: 5%;}
   ul {
    list-style-type: square}
  </style>
 </head>
 <body>
  <h1>Silicon Chip Technologies</h1>
  <p>SCT provides Corporate Training for the following products: </p>
  <ul>
   <li>HTML</li>
   <li>JavaScript</li>
   <li>CGI</li>
   <li>Java</li>
   <li>Oracle Developer 2000</li>
   <li>Oracle DBA</li>
  </ul>
 </body>
</html>
```

Output:



Lab#3

----------Task 3.3----------

Write the HTML code along with CSS file that generates the output web page shown in Figure 3.9.

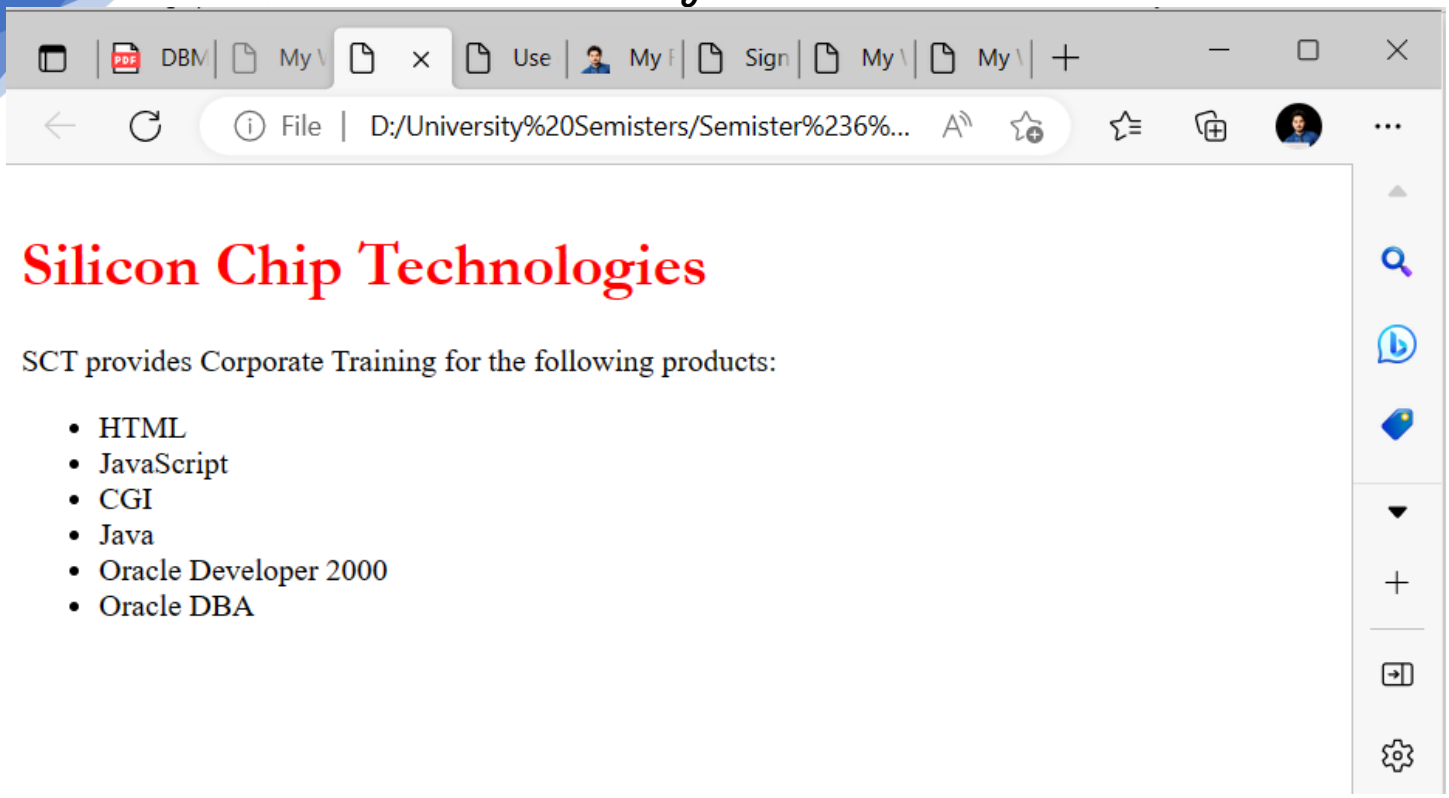
Code:(HTML File)

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Task3.3</title>
    <link rel="stylesheet" href="Task 3.3.css">
</head>
<body>

    <h1>Silicon Chip Technologies</h1>
    <p>SCT provides Corporate Training for the following products: </p>
    <ul>
        <li>HTML</li>
        <li>JavaScript</li>
        <li>CGI</li>
        <li>Java</li>
        <li>Oracle Developer 2000</li>
        <li>Oracle DBA</li>
      </ul>

</body>
</html>
```

CSS File

```
body{
    margin-top: 5%;
}
h1{
  font-family:  Garamond ;
  font-size: 26;
  color: red;
}
ul{
    list-style-type: disc;
}
```

Output:



----------Task 3.4----------

Rewrite Example 5 using ID Selector instead of class Selector and show its output.

```
<!DOCTYPE html>
<head>
<title> Use of Margin Attributes </title>
<style type="text/css">
p {font-size:12pt;
font-weight:bold;
text-align:justify;
margin-left:10%;
margin-right:10%;}
 #question {color: brown; font-style: italic;}
 #answer {color:#23238e}
 </style>
 </head>
 <body>
 <p id="question">How to create style sheet to alter an HTML
element?</p>
 <p id="answer">The Style assignment process can be accomplished with
the &lt;STYLE&gt;...&lt;/STYLE&gt; tags. The syntax for making the
assignment is simple. Between &lt;STYLE&gt; and &lt;/STYLE&gt;, HTML tags
to which styles are to be assigned are to be listed ad each tag with a pair of
curly brackets in which specific style attributes are to be specified. This
&lt;STYLE&gt; tag should be within &lt;HEAD&gt;...&lt;/HEAD&gt;
element.</p>
```

```
<br>
<p id="question">What are the attributes that can be specified? </p>
<p id="answer">The attributes that can be specified are: Font attributes,
Color and Background attributes, Text attributes, Border attributes, Margin
attributes, and List attributes. </p>
</body>
</html>
```

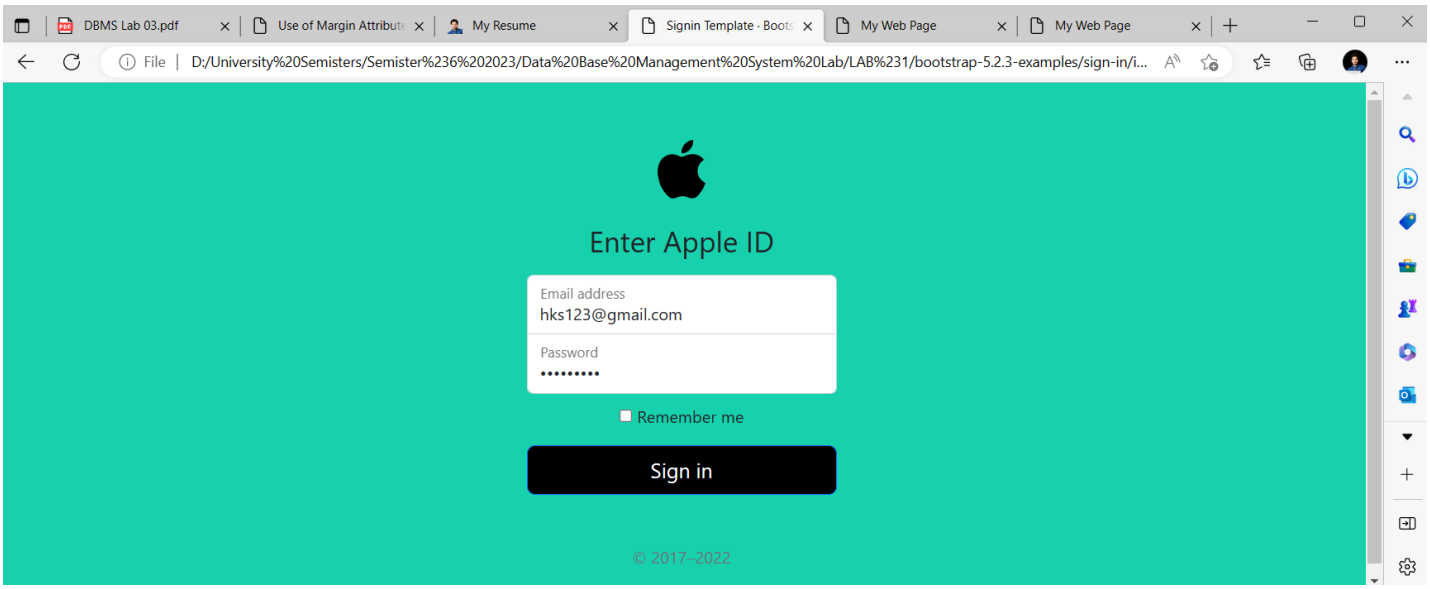
Output:

----------Task 3.5----------

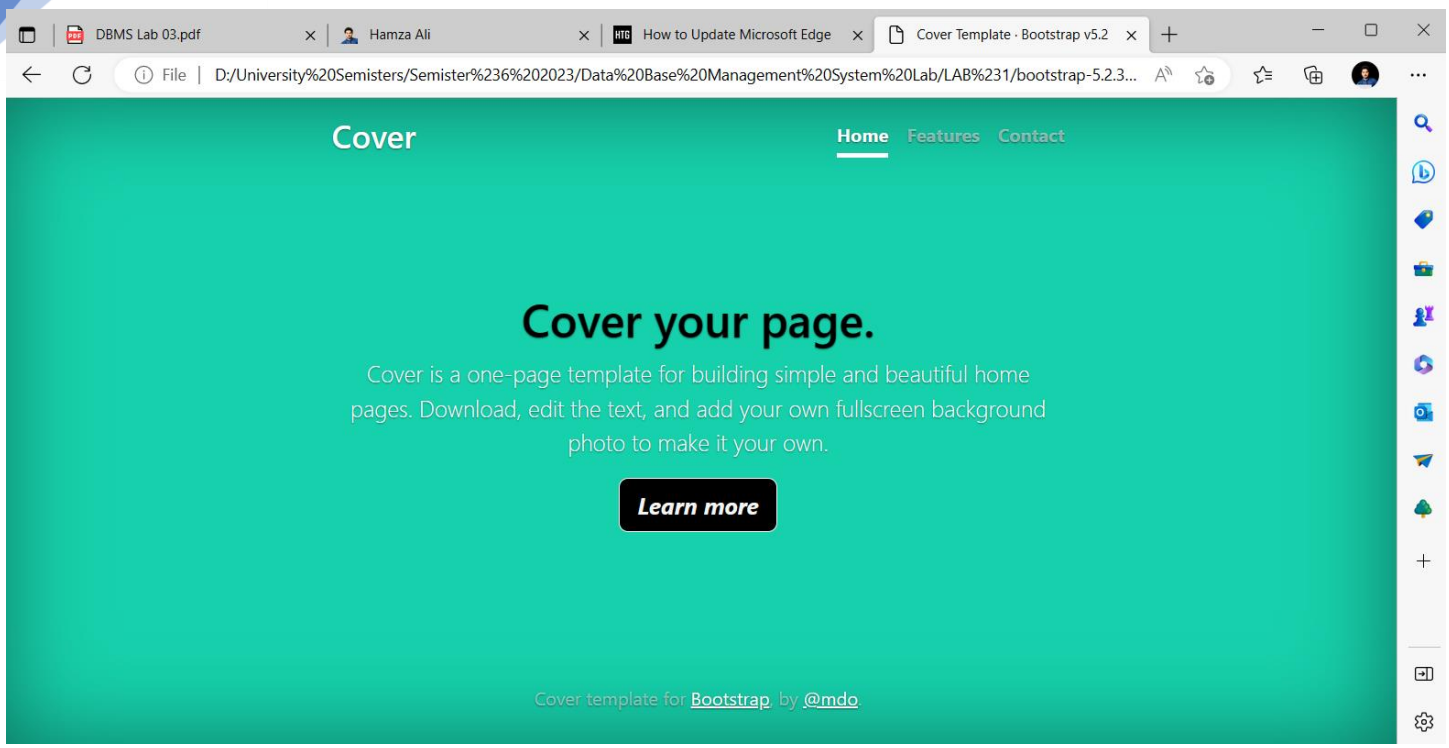
Bootstrap 5.2.3 Examples: Go through the following examples in bootstrap-5.2.3-examples.zip file provided with Lab 01: sign-in, cover, checkout, with description.

Output:

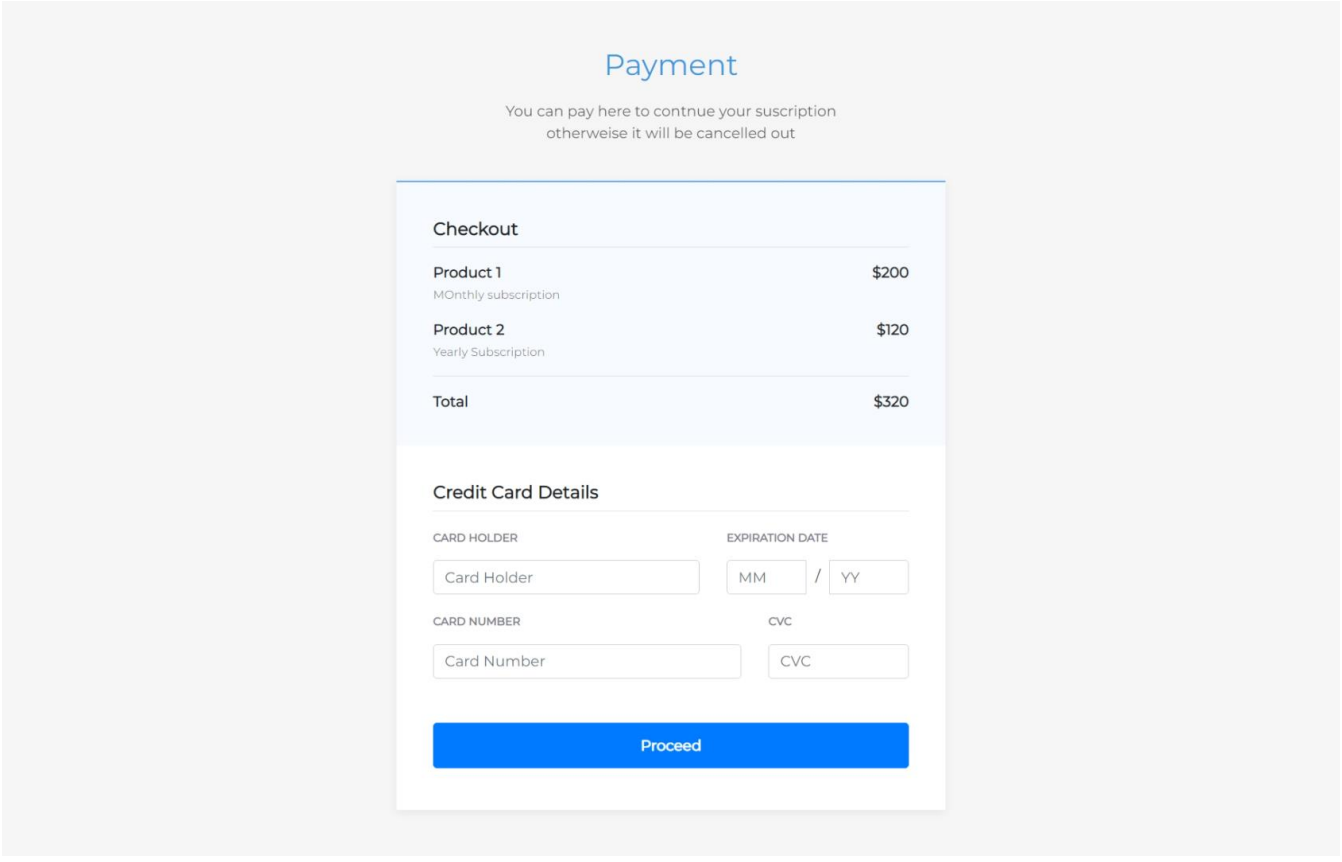
Sign In Page:



Cover Page:

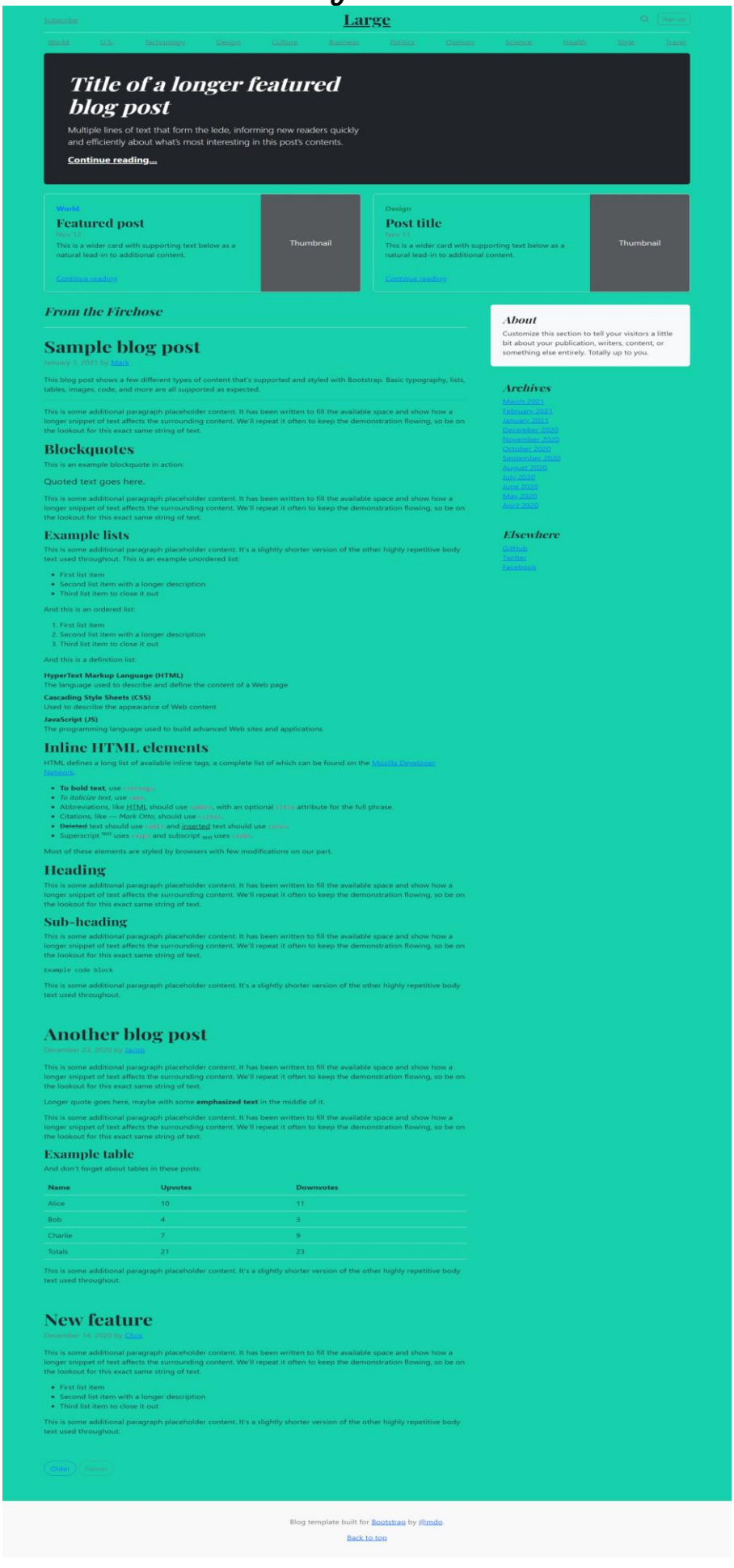


Checkout Page:



Blog Page:

Lab#3



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Title of a longer featured blog post

Multiple lines of text that form the lede, informing new readers quickly and efficiently about what's most interesting in this post's contents.

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World

Featured post

Nov 12

This is a wider card with supporting text below as a natural lead-in to additional content.

Continue reading

Thumbnail

Design

Post title

Nov 11

This is a wider card with supporting text below as a natural lead-in to additional content.

Continue reading

Thumbnail

From the Firehose

Sample blog post

January 1, 2021 by Mark

This blog post shows a few different types of content that's supported and styled with Bootstrap. Basic typography, lists, tables, images, code, and more are all supported as expected.

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

Blockquotes

This is an example blockquote in action:

> Quoted text goes here.

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

Example lists

This is some additional paragraph placeholder content. It's a slightly shorter version of the other highly repetitive body text used throughout. This is an example unordered list:

- First list item
- Second list item with a longer description
- Third list item to close it out

And this is an ordered list:

1. First list item
2. Second list item with a longer description
3. Third list item to close it out

And this is a definition list:

HyperText Markup Language (HTML)
The language used to describe and define the content of a Web page

Cascading Style Sheets (CSS)
Used to describe the appearance of Web content

JavaScript (JS)
The programming language used to build advanced Web sites and applications

Inline HTML elements

HTML defines a long list of available inline tags, a complete list of which can be found on the Mozilla Developer Network.

- **To bold text**, use <b>.
- *To italicize text*, use <i>.
- Abbreviations, like HTML, should use <abbr>, with an optional title attribute for the full phrase.
- Citations, like — *Mark Otto*, should use <cite>.
- ~~Deleted~~ text should use <del> and inserted text should use <ins>.
- Superscript ^{text} uses <sup> and subscript $_{text}$ uses <sub>.

Most of these elements are styled by browsers with few modifications on our part.

Heading

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

Sub-heading

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

```
Example code block
```

This is some additional paragraph placeholder content. It's a slightly shorter version of the other highly repetitive body text used throughout.

Another blog post

December 23, 2020 by Jacob

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

Longer quote goes here, maybe with some **emphasized text** in the middle of it.

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

Example table

And don't forget about tables in these posts:

Name	Upvotes	Downvotes
Alice	10	11
Bob	4	3
Charlie	7	9
Totals	21	23

This is some additional paragraph placeholder content. It's a slightly shorter version of the other highly repetitive body text used throughout.

New feature

December 14, 2020 by Chris

This is some additional paragraph placeholder content. It has been written to fill the available space and show how a longer snippet of text affects the surrounding content. We'll repeat it often to keep the demonstration flowing, so be on the lookout for this exact same string of text.

- First list item
- Second list item with a longer description
- Third list item to close it out

This is some additional paragraph placeholder content. It's a slightly shorter version of the other highly repetitive body text used throughout.

Older Newer

About

Customize this section to tell your visitors a little bit about your publication, writers, content, or something else entirely. Totally up to you.

Archives

March 2021
February 2021
January 2021
December 2020
November 2020
October 2020
September 2020
August 2020
July 2020
June 2020
May 2020
April 2020

Elsewhere

GitHub
Twitter
Facebook

Blog template built for Bootstrap by @mdo.

Back to top

Lab#3

----------Task 3.6----------

Modify your CV designed using plain HTML in last lab by adding CSS and Bootstrap in it. Upload both original one and modified one on the hosting site. Provide the link.

----------Output----------

Hamza Ali

Studying Computer Systems Engineering at UET Peshawar

Phone: +92-330-3053300 - Email: hamzakhanswati11791@gmail.com

OBJECTIVE

To improve my skill I want to take position of the Junior Data Scientist in your organization and I will do my best to impress you and your clients with my skill and extra passion about my work.

EDUCATION

2008 - 2020	**Matric** : Fauji Foundation Model School Mansehra **Intermediate** : IIUI Schools and Colleges Mansehra
2020 - 2024	**Graduation**: University of Engineering & Technology, UET Peshawar

EXPERIENCE

2021 - 2021	**AMSUS Technologies**: As an Web Developer Intern
2022 - 2022	**Technocolabs**: Data Scientist Intern

BIO-DATA

F'Name:	Hamza Ali
Date of Birth:	30th November 2001
CNIC:	13503-2999241-9
Religion:	Islam
Nationality:	Pakistani
Marital Status:	Unmarried