IT LAB II – Week 2
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20MCMB08
MTech IT

1) Build a Technical Documentation Page

HTML

```
<!doctype html>
<html lang="en">


<head>
```

```html
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">


<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.c
ss"
      integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">


<title>Supply Chain</title>


<!-- Style -->
<style>
    .project_title {
        text-align: center;
        margin-top: 15px;
        margin-bottom: 15px;
    }


    .project_title_outer {
        margin-top: 30px;
        margin-bottom: 30px;
    }


    .screen_head {
        margin-top: 15px;
        margin-bottom: 10px;
    }


    .code {
        text-align: left;
        white-space: pre-line;
```

```html
            color: black;
        }
    </style>
</head>


<body>
    <div class="container">


        <!-- Title of project -->


        <div class="row">
            <div class="col project_title_outer">
                <h1 class="project_title">Supply Chain Management using
Ethereum-Blockchain</h1>
            </div>
        </div>


        <!-- content -->
        <div class="row">


            <!-- Internal liking to topics-->
            <div class="col-xs-12 col-sm-12 col-md-3 col-lg-3">
                <p class="h3 project_title">Quick Access</p>
                <div class="list-group">
                    <a href="#f">
                        <button type="button" class="list-group-item
list-group-item-action">
                            <b>Functionalities</b>
                        </button>
                    </a>


                    <a href="#meta">
                        <button type="button" class="list-group-item
list-group-item-action">
                            <b>Install metamask wallet</b>
```
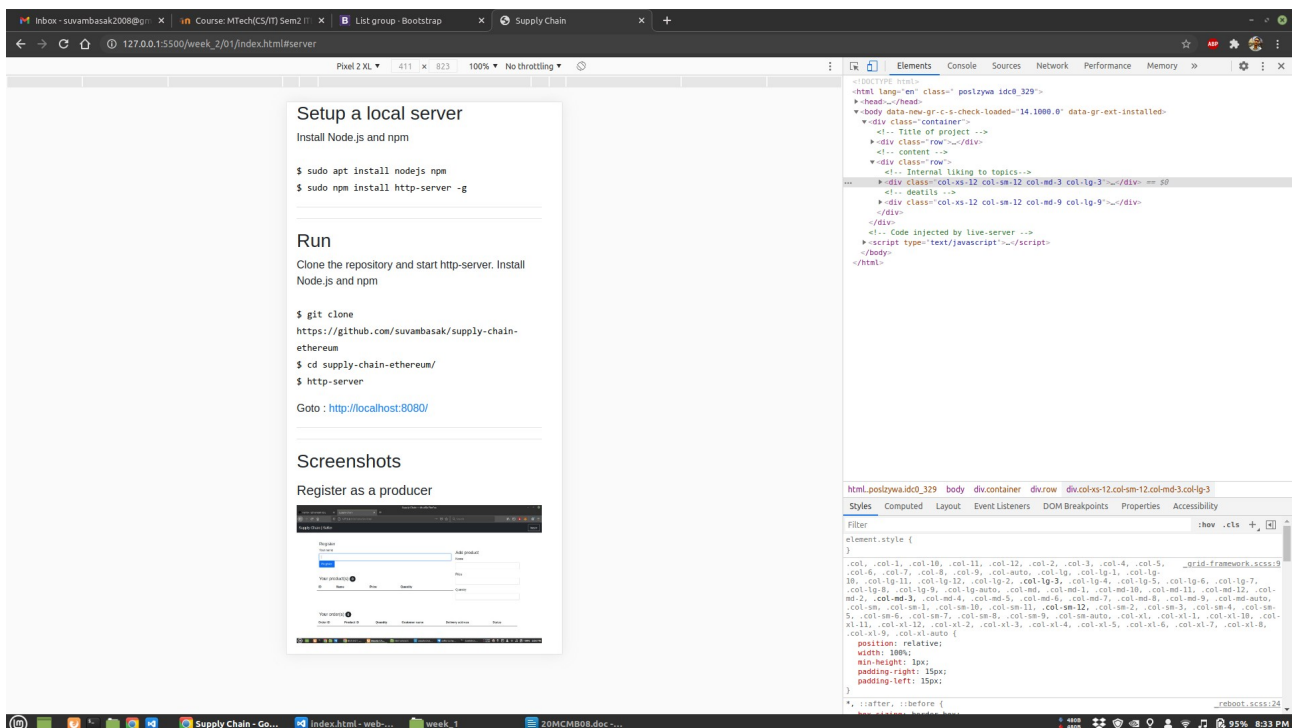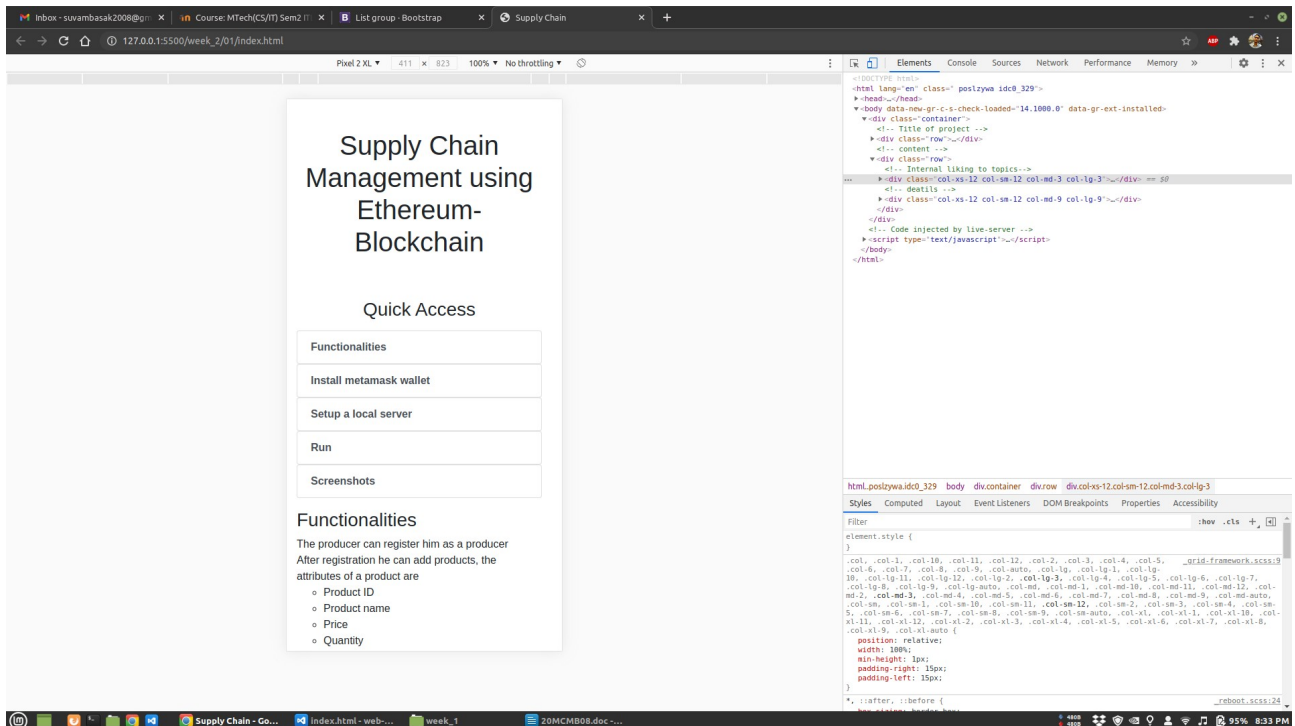
```html
                </button>
            </a>

            <a href="#server">
                <button type="button" class="list-group-item
list-group-item-action">
                    <b>Setup a local server</b>
                </button>
            </a>

            <a href="#run">
                <button type="button" class="list-group-item
list-group-item-action">
                    <b>Run</b>
                </button>
            </a>

            <a href="#screen">
                <button type="button" class="list-group-item
list-group-item-action">
                    <b>Screenshots</b>
                </button>
            </a>
        </div>
    </div>

    <!-- deatils -->
    <div class="col-xs-12 col-sm-12 col-md-9 col-lg-9">

        <!-- Functionalities -->
        <div id="f">
            <p class="lead">
            <p class="h3">Functionalities</p>
            <ul class="list-unstyled">
                <li>The producer can register him as a producer</
li>
```

```
                        <li>After registration he can add products, the
attributes of a product are
                            <ul>
                                <li>Product ID</li>
                                <li>Product name</li>
                                <li>Price</li>
                                <li>Quantity</li>
                            </ul>
                        </li>
                        <li>The producer should be able to change the
price if he wants.</li>
                        <li>Customer can view the products</li>
                        <li>Customer can order the products (no need of
sending money, only COD)</li>
                        <li>Customer can track the product using the
order ID</li>
                        <li>The status of the order are
                            <ul>
                                <li>Placed</li>
                                <li>Rejected</li>
                                <li>Delivered</li>
                            </ul>
                        </li>
                        <li>The producer has the authority to change the
status of the product (when the customer places
                        an order, the status will be "Placed").</li>
                    </ul>
                    </p>
                </div>
                <hr>
                <hr>


                <!-- Install wallet -->
                <div id="meta">
                    <p class="lead">
```

```html
                <p class="h3">Install metamask wallet</p>
                Install metamask wallet using this
                <a

href="https://addons.mozilla.org/en-US/firefox/addon/ether-metamask/?
utm_source=addons.mozilla.org&utm_medium=referral&utm_content=search">Lin
k</a>.

                Just collect some ether and you are good to go.
                </p>
            </div>
            <hr>
            <hr>


            <!-- local server -->
            <div id="server">
                <p class="lead">
                <p class="h3">Setup a local server</p>
                Install Node.js and npm
                <div>
                    <code class="code">
                        $ sudo apt install nodejs npm
                        $ sudo npm install http-server -g
                    </code>
                </div>
                </p>
            </div>
            <hr>
            <hr>



            <!-- Run -->
            <div id="run">
                <p class="lead">
                <p class="h3">Run</p>
                Clone the repository and start http-server. Install
Node.js and npm
```

```
                <div>
                    <code class="code">
                        $ git clone
https://github.com/suvambasak/supply-chain-ethereum
                        $ cd supply-chain-ethereum/
                        $ http-server
                    </code>
                </div>
                </p>
                Goto : <a
href="http://localhost:8080/">http://localhost:8080/</a>
            </div>
            <hr>
            <hr>

            <!-- Screenshots -->
            <div id="screen">
                <p class="lead">
                <p class="h3">Screenshots</p>

                <p class="h5 screen_head">Register as a producer</p>
                <img src="img/img1.jpeg" class="img-fluid"
alt="Register as a producer">

                <p class="h5 screen_head">Register as a producer</p>
                <img src="img/img2.png" class="img-fluid"
alt="Register as a producer">

                <p class="h5 screen_head">Change price of any
product</p>
                <img src="img/img3.png" class="img-fluid"
alt="Register as a producer">

                <p class="h5 screen_head">View the products</p>
                <img src="img/img4.png" class="img-fluid"
alt="Register as a producer">
```

```html
                    <p class="h5 screen_head">Order products</p>
                    <img src="img/img5.png" class="img-fluid"
alt="Register as a producer">


                    <p class="h5 screen_head">Customer can track the
product by order ID</p>
                    <img src="img/img6.png" class="img-fluid"
alt="Register as a producer">


                    <p class="h5 screen_head">View of orders & Status
change</p>
                    <img src="img/img7.png" class="img-fluid"
alt="Register as a producer">


                    </p>
                </div>


            </div>
        </div>
    </div>
</body>
</html>
```
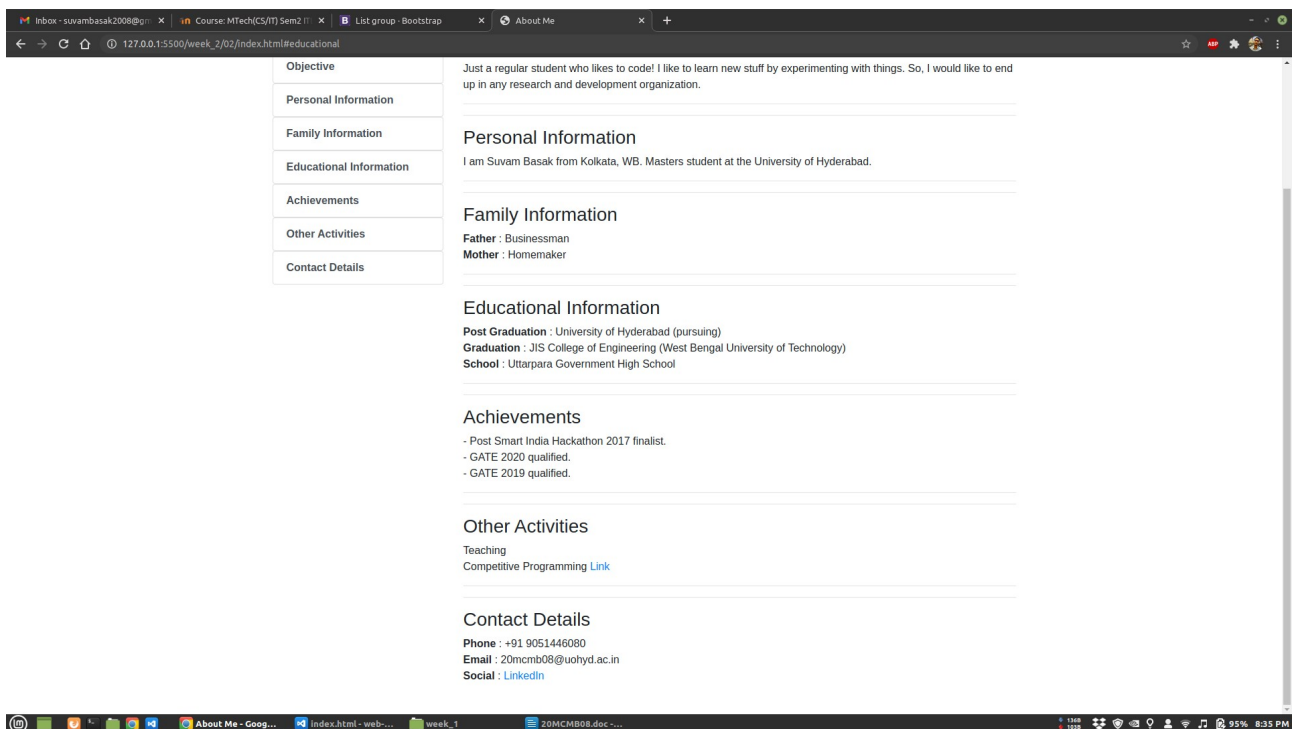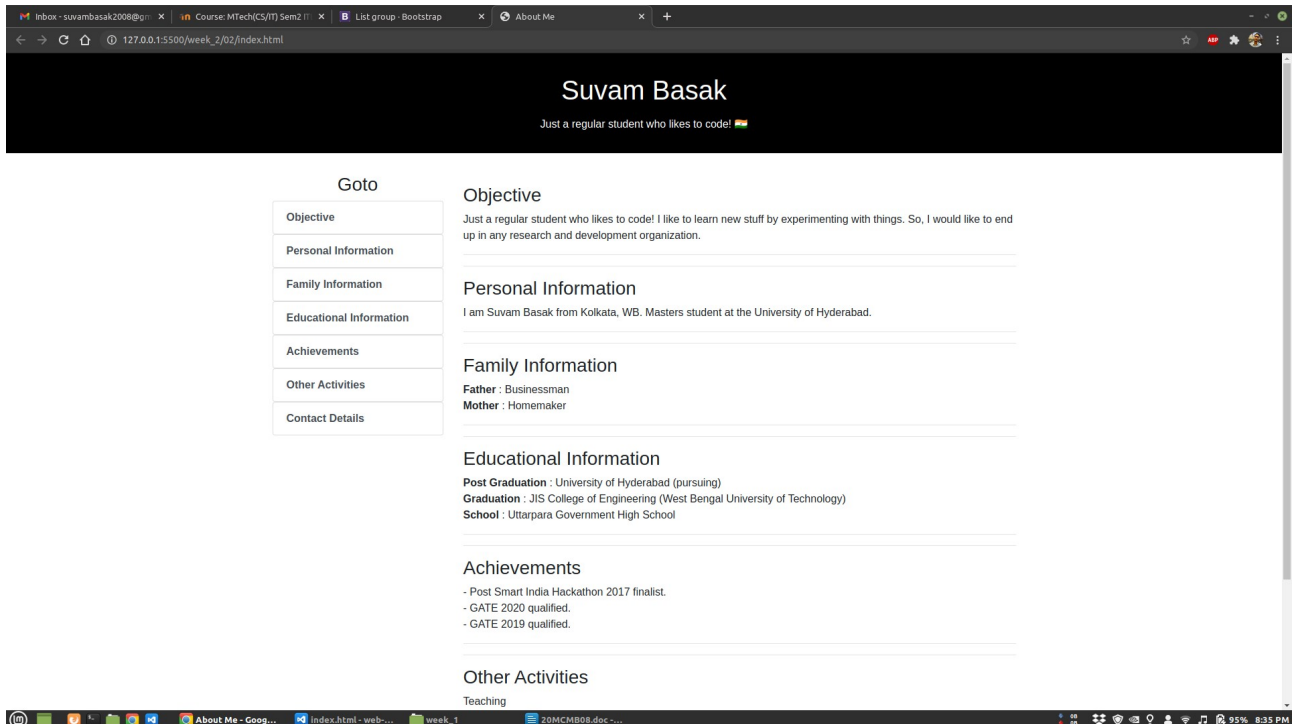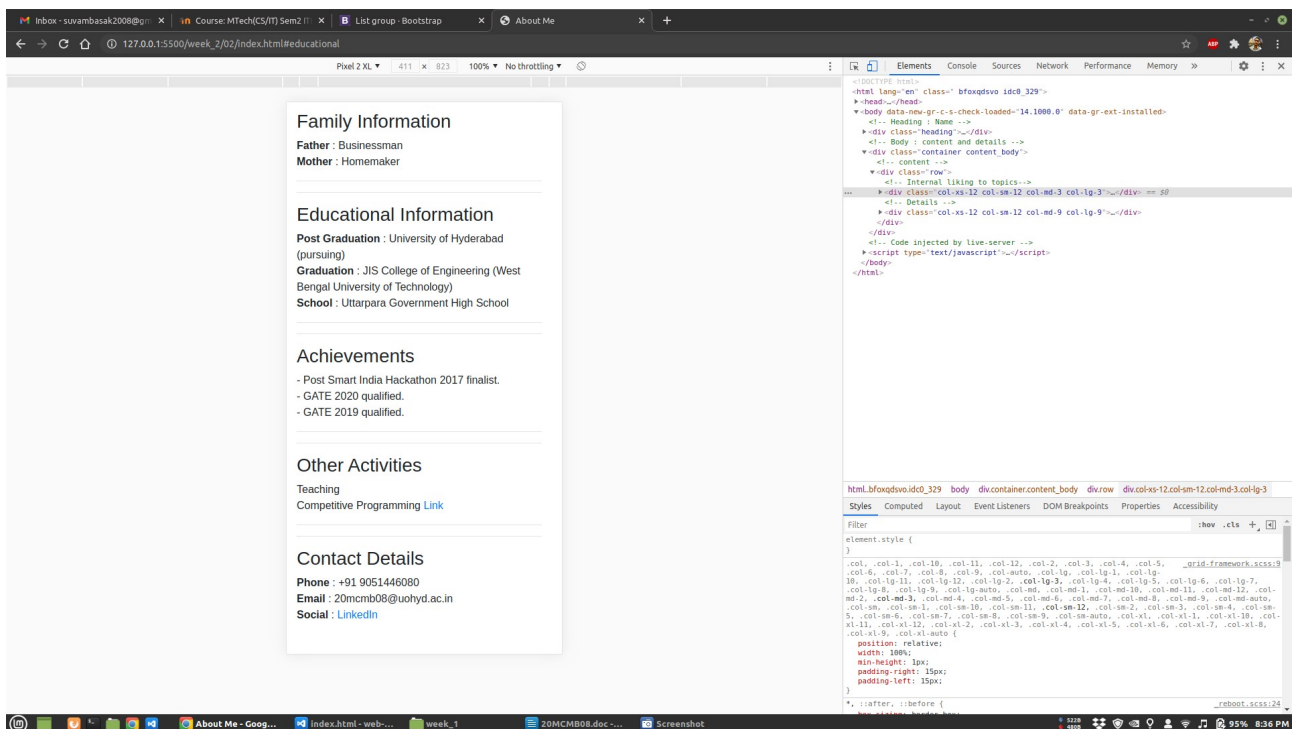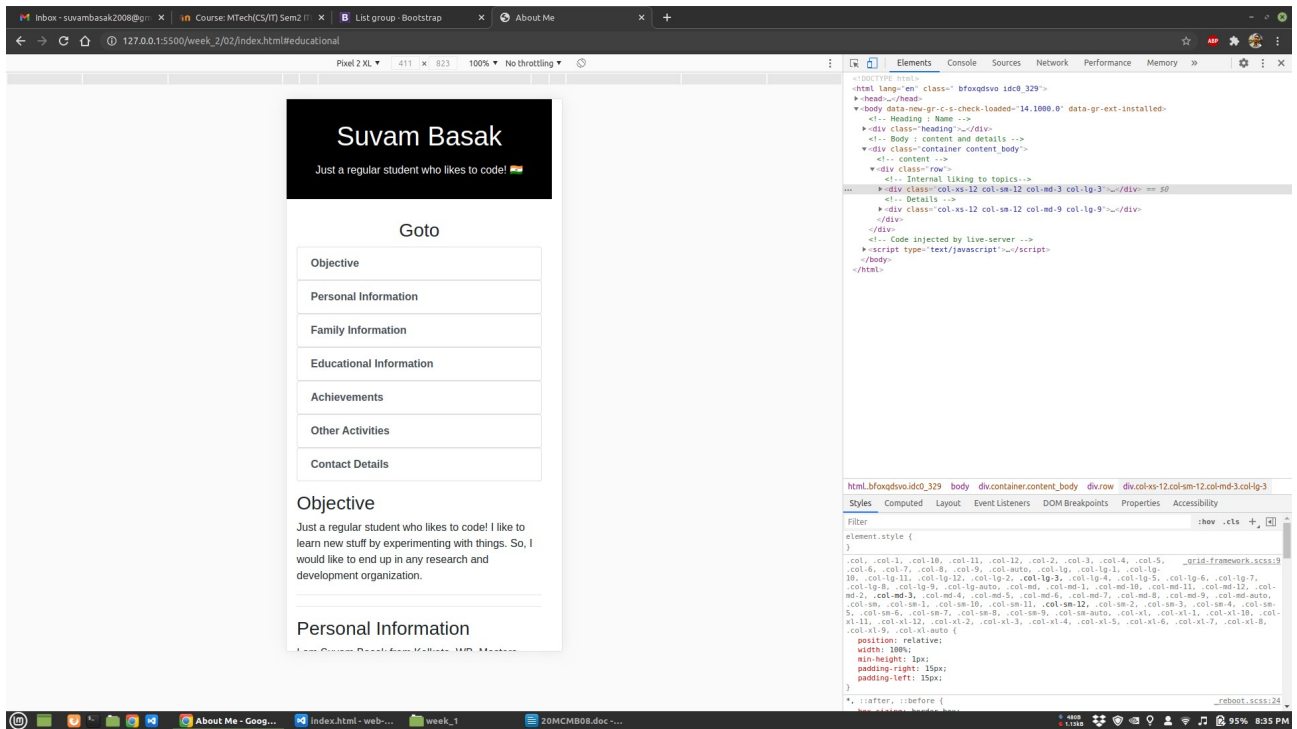
2) Build a Personal Portfolio page

HTML

```
<!doctype html>
<html lang="en">


<head>
    <!-- Required meta tags -->
```

```html
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1,
shrink-to-fit=no">


<!-- Bootstrap CSS -->
<link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.c
ss"
      integrity="sha384-
Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm"
crossorigin="anonymous">


<title>About Me</title>


<!-- Style -->
<style>
    .heading {
        border: 1px solid black;
        background-color: black;
    }


    .content_body {
        margin-top: 30px;
        margin-bottom: 30px;
    }


    .name {
        text-align: center;
        color: white;
        margin-top: 15px;
        margin-bottom: 15px;
    }


    .name_outer {
        margin-top: 30px;
        margin-bottom: 30px;
```

```html
        }
    </style>
</head>

<body>

    <!-- Heading : Name -->
    <div class="heading">
        <div class="name_outer">
            <h1 class="name">Suvam Basak</h1>
            <p class="name">Just a regular student who likes to code!
</p>
        </div>
    </div>

    <!-- Body : content and details -->
    <div class="container content_body">

        <!-- content -->
        <div class="row">

            <!-- Internal liking to topics-->
            <div class="col-xs-12 col-sm-12 col-md-3 col-lg-3">

                <p class="h3" style="text-align: center;">Goto</p>
                <div class="list-group">

                    <a href="#objective">
                        <button type="button" class="list-group-item
list-group-item-action">
                            <b>Objective</b>
                        </button>
                    </a>

                    <a href="#personal">
```

```html
                        <button type="button" class="list-group-item
list-group-item-action">
                                <b>Personal Information</b>
                        </button>
                </a>


                <a href="#family">
                        <button type="button" class="list-group-item
list-group-item-action">
                                <b>Family Information</b>
                        </button>
                </a>


                <a href="#educational">
                        <button type="button" class="list-group-item
list-group-item-action">
                                <b>Educational Information</b>
                        </button>
                </a>


                <a href="#achievements">
                        <button type="button" class="list-group-item
list-group-item-action">
                                <b>Achievements</b>
                        </button>
                </a>


                <a href="#other">
                        <button type="button" class="list-group-item
list-group-item-action">
                                <b>Other Activities</b>
                        </button>
                </a>


                <a href="#contact">
```

```html
                      <button type="button" class="list-group-item
list-group-item-action">
                          <b>Contact Details</b>
                      </button>
                </a>
            </div>
        </div>



        <!-- Details -->
        <div class="col-xs-12 col-sm-12 col-md-9 col-lg-9">


            <!-- objective -->
            <div id="objective">
                <p class="lead">
                <p class="h3">Objective</p>
                Just a regular student who likes to code! I like to
learn new stuff by experimenting with things.
                So, I would like to end up in any research and
development organization.
                </p>
            </div>
            <hr>
            <hr>


            <!-- Personal -->
            <div id="personal">
                <p class="lead">
                <p class="h3">Personal Information</p>
                I am Suvam Basak from Kolkata, WB. Masters student at
the University of Hyderabad.
                </p>
            </div>
            <hr>
            <hr>
```

```html
<!-- Family -->
<div id="family">
    <p class="lead">
    <p class="h3">Family Information</p>
    <b>Father</b> : Businessman <br>
    <b>Mother</b> : Homemaker
    </p>
</div>
<hr>
<hr>

<!-- Educational -->
<div id="educational">
    <p class="lead">
    <p class="h3">Educational Information</p>
    <b>Post Graduation</b> : University of Hyderabad
(pursuing) <br>
    <b>Graduation</b> : JIS College of Engineering (West
Bengal University of Technology) <br>
    <b>School</b> : Uttarpara Government High School
    </p>
</div>
<hr>
<hr>

<!-- Achievements -->
<div id="achievements">
    <p class="lead">
    <p class="h3">Achievements</p>
    <ul class="list-unstyled">
        <li>- Post Smart India Hackathon 2017 finalist.</
li>
        <li>- GATE 2020 qualified.</li>
        <li>- GATE 2019 qualified.</li>
    </ul>
```

```html
                    </p>
                </div>
                <hr>
                <hr>


                <!-- Other -->
                <div id="other">
                    <p class="lead">
                    <p class="h3">Other Activities</p>
                    Teaching <br>
                    Competitive Programming <a
href="https://www.hackerrank.com/suvambasak">Link</a>
                    </p>
                </div>
                <hr>
                <hr>


                <!-- Contact -->
                <div id="contact">
                    <p class="lead">
                    <p class="h3">Contact Details</p>
                    <b>Phone</b> : +91 9051446080 <br>
                    <b>Email</b> : 20mcmb08@uohyd.ac.in <br>
                    <b>Social</b> : <a href="https://www.linkedin.com/in/
suvambasak/">LinkedIn</a>
                    </p>
                </div>


            </div>
        </div>
    </div>
</body>
</html>
```
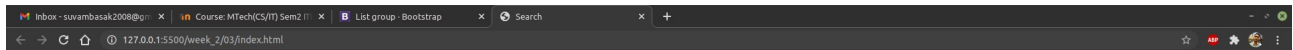
3) Build a Google.com similar page

HTML

```
<!doctype html>
<html lang="en">


<head>
```

```html
<!-- Required meta tags -->
<meta charset="utf-8">
<meta name="viewport" content="width=device-width, initial-scale=1">


<!-- Bootstrap CSS -->
<link
href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/
bootstrap.min.css" rel="stylesheet"

integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wuqIj61tLrc4wSX0szH/
Ev+nYRRuWlolflfl" crossorigin="anonymous">


<title>Search</title>


<!-- Style -->
<style>
    h1 {
        text-align: center;
    }


    #logo {
        font-size: 50px;
        padding-top: 200px;
        padding-bottom: 50px;
    }


    #search_bar {
        padding-top: 10px;
        padding-bottom: 10px;
        padding-right: 20px;
        padding-left: 25px;
        font-size: 25px;
        border-radius: 27px;
        box-shadow: 3px 3px 3px #a1a1a1;
    }
```

```html
        #btn_set {
            margin-top: 45px;
            margin-bottom: 100px;
        }
    </style>

</head>

<body>
    <div class="container">

        <!-- Logo: Search engine -->
        <div class="row justify-content-center">
            <div class="col-md-5">
                <h1 id="logo">Search Engine</h1>
            </div>
        </div>


        <!-- Input : Search bar -->
        <div class="row justify-content-center">
            <div class="col-md-8">
                <input class="form-control" type="text"
placeholder="Search here" id="search_bar">
            </div>
        </div>


        <!-- Search button -->
        <div class="row">
            <div class="d-flex justify-content-center" id="btn_set">
                <div class="col-md-2 col-sm-12 col-xs-12">
                    <button type="button" class="btn btn-light btn-
lg">Search It</button>
                </div>
                <div class="col-md-2 col-sm-12 col-xs-12">
```

```html
                    <button type="button" class="btn btn-light btn-
lg">Try Somthing!</button>
                </div>
            </div>
        </div>
    </div>
</body>
</html>
```