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## **LP-II WAD Submission**

### **Assignment 1(a)**

#### **Index.html**

```
<!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>Document</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFIdvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jlW3"
crossorigin="anonymous">
  <link rel="stylesheet" href="style.css">
</head>
<body>
  <aside class="side-bar">
    <h3>SKNCOE</h3>
    <hr>
    <ul class="sidebar-list">
      <li>
        <h6>College</h6>
        <div>
          <p>Principal</p>
          <p>Vice Principal</p>
          <p>Staff</p>
        </div>
      </li>
      <li>
        <h6>Dept</h6>
        <div>
          <p>Comp</p>
          <p>IT</p>
          <p>Entc</p>
          <p>Mech</p>
        </div>
      </li>
      <li>
        <h6>Students</h6>
        <div>
          <p>FE</p>
```

```

        <p>SE</p>
        <p>TE</p>
        <p>BE</p>
    </div>
</li>
<li>
    <h6>Exam</h6>
</li>
<li>
    <h6>Placement</h6>
</li>
</ul>
</aside>
<div class="right">
    <div class="row">
        <div class="col card">
            <div class="card-body text-center">
                <h5 class="card-title">College Revenue</h5>
                
            </div>
        </div>
        <div class="col card project-card">
            <div class="card-body">
                <h5 class="card-title">projects status</h5>
                <p>Project1</p>
                <div class="progress">
                    <div class="progress-bar" role="progressbar" style="width: 25%" aria-valuenow="25"
aria-valuemin="0" aria-valuemax="100"></div>
                </div>
                <p>Project2</p>
                <div class="progress">
                    <div class="progress-bar" role="progressbar" style="width: 50%" aria-valuenow="50"
aria-valuemin="0" aria-valuemax="100"></div>
                </div>
                <p>Project3</p>
                <div class="progress">
                    <div class="progress-bar" role="progressbar" style="width: 75%" aria-valuenow="75"
aria-valuemin="0" aria-valuemax="100"></div>
                </div>
            </div>
        </div>
        <div class="col card analytics-card">
            <div class="card-body text-center">
                <h5 class="card-title">College Analytics</h5>
                
            </div>
        </div>
    </div>
</div>
<div class="card">

```

```

<table class="table">
  <thead>
    <tr>
      <th scope="col">#</th>
      <th scope="col">First</th>
      <th scope="col">Last</th>
      <th scope="col">Marks</th>
      <th scope="col">Year</th>
    </tr>
  </thead>
  <tbody>
    <tr>
      <th scope="row">1</th>
      <td>Mark</td>
      <td>Otto</td>
      <td>89%</td>
      <td>FE</td>
    </tr>
    <tr>
      <th scope="row">2</th>
      <td>Jacob</td>
      <td>Thornton</td>
      <td>90%</td>
      <td>SE</td>
    </tr>
    <tr>
      <th scope="row">3</th>
      <td>Larry </td>
      <td>Zuk</td>
      <td>99%</td>
      <td>TE</td>
    </tr>
    <tr>
      <th scope="row">4</th>
      <td>Ashish</td>
      <td>85%</td>
      <td>BE</td>
    </tr>
  </tbody>
</table>
</div>
</body>
<!-- JavaScript Bundle with Popper -->
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IIRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>
</html>

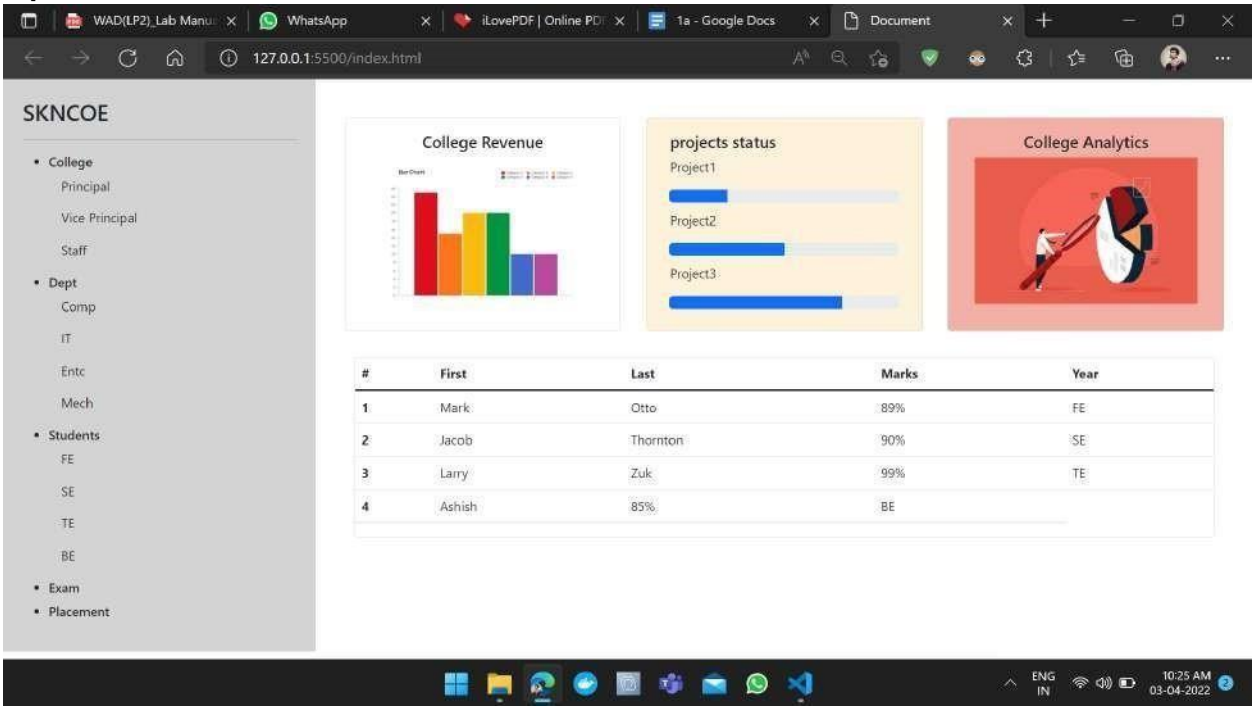
```

## Style.css

```
.side-bar{ width:
25%; /* min-
height: 100vh; */
height: 100%;
float: left; background-
color: lightgray; padding:
1.5rem;
} ul
li{
margin-
top:
0.5r
em;
} ul li div{ marginleft:
1rem;
}
.right{ float: right;
padding:
2rem; width:
75%;
} .card{
margin: 1rem;
}

.analytics-card{ backgroundcolor:
#e95d4c7d;
}
.progress{ marginbottom:
10px;
}
.project-card{ background-color:
rgb(255, 242, 219);
}
```

Output



# Assignment 1(b)

## Index.html

```
<!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>Document</title>
</head>
<style>
  .container {    width:
fit-content;    margin:
auto;
  }
  .center {    textalign:
center;
  }  input {
padding: 5px 2px;
  }
</style>
<body>
  <div class="container">
    <div id="list">
      <div class="center">
        <h1>Registration form</h1>
      </div>
      <form action="/index.js" method="POST">
        <ul>
          <li>
            <label for="name">Username :</label>
            <input type="text" name="name" required>
          </li>
          <li>
            <label for="name">Email : </label>
            <input type="email" name="email" required>
          </li>
          <li>
            <label for="name">Contact no :</label>
            <input type="number" name="contact" required>
          </li>
          <li>
            <label for="name">Password :</label>
            <input type="password" name="password" required>
          </li>
        </ul>
        <div class="center">
```

```

        <button type="submit">submit</button>
    </div>
</form>
</div>
</div>
</body>
<script src="index.js"></script>
</html>

```

### Index.js

```

const form = document.querySelector('form')
form.addEventListener('submit', e => {
    e.preventDefault()    let name =
    form.elements['name'].value    let email =
    form.elements['email'].value    let contact =
    form.elements['contact'].value    let password =
    form.elements['password'].value    if (name.length < 4) {
    alert("Username should be more than 5 characters")
    } else if (contact.length != 10) {    alert("contact no is
    invalid")    } else if (password.length < 6) {
    alert("Password should be more than 6 characters")    }
    else {    load(name, email, contact, password)
    }
})
function load(name, email, contact, password) {    const xhr = new
XMLHttpRequest()    xhr.onreadystatechange = function () {    console.log("your
state=", xhr.readyState)    if (this.readyState == 4
&& this.status == 200) {    document.getElementById('list').innerHTML
= this.responseText    document.getElementById('list').innerHTML +=
`

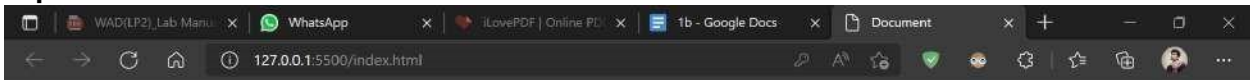
        <hr/>
        <p>name: ${name}</p>
        <p>email: ${email}</p>
        <p>contact: ${contact}</p>
        <p>password: ${password}</p>`
    }
    }
    xhr.open('GET', 'data.txt', true)
    xhr.send() //for GET .send() is empty
}

```


**Data.txt** Form submitted

!!!!

## Output



### Registration form

- Username :
- Email :
- Contact no :
- Password :  



Form sumitted !!!!

name: Ashish

email: ashishbadgujar124@gmail.com

contact: 9075758251

password: 1234567





# Assignment 2(a)

The image is a composite of three screenshots illustrating the process of creating a GitHub repository.

**Top Screenshot: GitHub Repository Page**  
The browser shows the GitHub page for 'AshishBadgujar / WAD-assignment'. It includes the repository name, public status, and navigation tabs for Code, Issues, Pull requests, Actions, Projects, Wiki, Security, Insights, and Settings. A 'Quick setup' section provides instructions for cloning the repository using HTTPS or SSH, and a command-line setup for creating a new repository.

**Middle Screenshot: Terminal Window**  
The terminal shows the execution of the following commands in a Windows command prompt:  
1. `git init`: Initialized empty Git repository in D:/ashish/WAD/assl/b/.git/  
2. `git add .`: Added files to the staging area.  
3. `git commit -m "first commit"`: Committed the first commit.  
4. `git remote add origin https://github.com/AshishBadgujar/WAD-assignment.git`: Added the remote origin.  
5. `git push -u origin master`: Pushed the master branch to the remote repository.  
The output shows that 4 files (data.txt, index.html, index.js, temp.html) were created and pushed successfully.

**Bottom Screenshot: GitHub Repository Page (After Push)**  
The browser shows the repository page after the push. It displays the 'master' branch with 1 commit (aa59574) pushed 1 minute ago. The commit details show four files: data.txt, index.html, index.js, and temp.html, all added in the first commit. The 'About' section indicates no description, website, or topics provided, and the 'Releases' section shows no releases published.

# Assignment 3(a)

```
Index.js const express = require("express");
const app =
express(); app.use(express.static('public'));
app.get("/", (req, res) => {
res.sendFile(`${__dirname}/index.html`, (err) => { if
(err) { console.log(err); res.end(err.message);
}
});
});
app.listen(9000, "localhost", () => {
console.log("Server is running on port 9000");
});
```

## **public/index.html**

```
<!doctype html>
<html lang="en">
<head>
  <!-- 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@5.1.3/dist/css/bootstrap.min.css" rel="stylesheet"
integrity="sha384-1BmE4kWBq78iYhFIdvKuhfTAU6auU8tT94WrHftjDbrCEXSU1oBoqyl2QvZ6jIW3"
crossorigin="anonymous">
  <title>Registration</title>
</head>
<style>
  .container {
    /* background-color: yellow; */ border:
2px solid yellow;
  }

  .box { background-color: rgba(255, 157,
0, 0.945); align-items: center;

  }
</style>

<body>
  <div class="container py-4">
    <div class="box text-center">
      <h3>Registration form</h3>
    </div>
    <form action="" class="mx-5">
      <div class="mb-3">
        <label class="form-label">Full Name</label>
        <input type="text" class="form-control ">
```

```

</div>
<div class="mb-3 row g-3">
  <div class="col-auto">
    <label class="form-label">Email address</label>
    <input type="email" class="form-control " placeholder="name@example.com">
  </div>
  <div class="col-auto">
    <label class="form-label">Mobile</label>
    <input type="number" class="form-control ">
  </div>
  <div class="col-auto">
    <label class="form-label">Gender</label>
    <div>
      <input type="radio">
      <label class="form-check-label">
        Male
      </label>
      <input type="radio">
      <label class="form-check-label">
        Female
      </label>
    </div>
  </div>
  <div class="col-auto">
    <label for="formFile" class="form-label">Upload photo</label>
    <input class="form-control " type="file" id="formFile">
  </div>
  <div class="col-auto">
    <label class="form-label">DOB</label>
    <input type="date" class="form-control ">
  </div>
</div>
<div class="row g-3">
  <div class="col-auto">
    <label class="form-label">college name</label>
    <input type="text" class="form-control ">
  </div>
  <div class="col-auto">
    <label class="form-label">Branch</label>
    <select class="form-select" aria-label="Default select example">
      <option selected></option>
      <option value="1">Comp</option>
      <option value="2">IT</option>
      <option value="3">Entc</option>
      <option value="4">Mech</option>
    </select>
  </div>
  <div class="col-auto">
    <label class="form-label">Year</label>

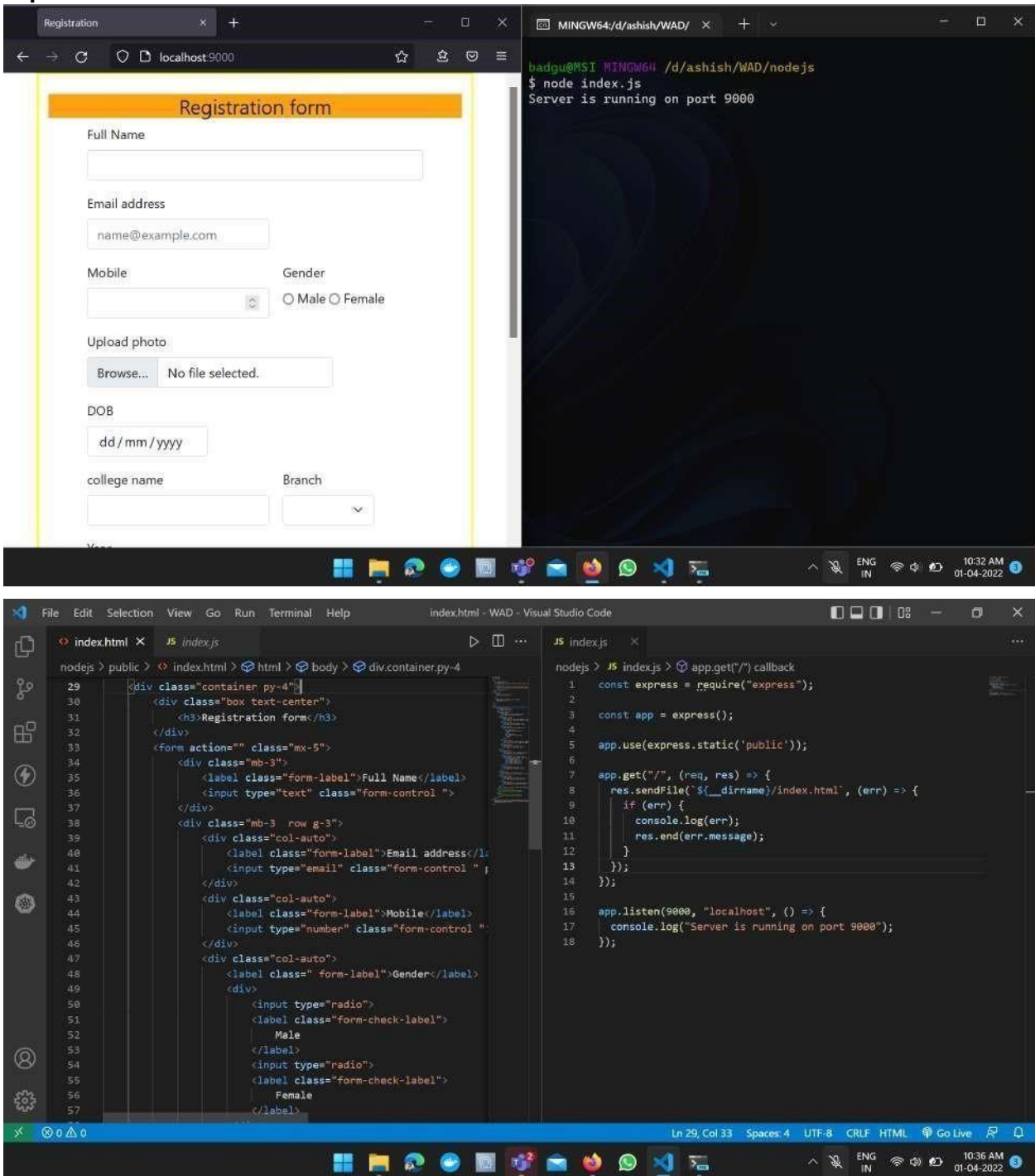
```

```

        <input type="number" class="form-control ">
    </div>
</div>
<div class="mb-3">
    <label class="form-label">Address</label>
    <textarea class="form-control " rows="2"></textarea>
</div>
<div class="row g-3 mb-3">
    <div class="col-auto">
        <label class="form-label">Password</label>
        <input type="password" class="form-control ">
    </div>
    <div class="col-auto">
        <label class="form-label">Confirm Password</label>
        <input type="password" class="form-control ">
    </div>
</div>
<button class="btn btn-primary" type="submit">Submit form</button>
</form>
<!-- <audio controls class="mb-3">
    <source src="iphone.mp3" type="audio/mpeg">        Your
browser does not support the video tag.
</audio>
<video controls>
    <source src="sangchi.mp4" type="video/mp4">        Your
browser does not support the video tag.
</video> -->
</div>
</body>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.1.3/dist/js/bootstrap.bundle.min.js"
integrity="sha384-ka7Sk0Gln4gmtz2MlQnikT1wXgYsOg+OMhuP+IIRH9sENBO0LRn5q+8nbTov4+1p"
crossorigin="anonymous"></script>
</html>

```

## Output



## Assignment 4(a)

### Index.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<!-- Include meta tag to ensure proper rendering and touch zooming -->
```

```
<meta name="viewport" content="width=device-width, initial-scale=1">
```

```
<!-- Include jQuery Mobile stylesheets -->
```

```
<link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css">
```

```
<!-- Include the jQuery library -->
```

```

<script src="http://code.jquery.com/jquery-1.11.3.min.js"></script>
<!-- Include the jQuery Mobile library -->
<script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script> </head>
<style>
    #footer {      position:
inherit;      width: inherit;
                bottom: 0;
    }

    #myPanel {
width: 40%;
    }
    .hero {      display: flex;      flex-
direction: column;      align-items:
center;      justifycontent: center;
/* text-align: center; */
    }
</style>
<body>
    <div data-role="page" id="page1">
        <div data-role="panel" id="myPanel" data-position="right" data-display="overlay">
            <div data-role="header" data-theme="b">
                <h1>Register</h1>
            </div>
            <form method="post" action="#pageone" data-ajax="false">
                <label for="name">Name : <span>*</span></label>
                <input type="text" name="name" id="name" placeholder="Name">
                <label for="email">Email: <span>*</span></label>
                <input type="email" id="email" name="email" placeholder="Email" />
                <fieldset data-role="controlgroup" class="ui-field-contain">
                    <legend>Gender:</legend>
                    <label for="male">Male</label>
                    <input type="radio" name="gender" id="male" value="male">
                    <label for="female">Female</label>
                    <input type="radio" name="gender" id="female" value="female">
                </fieldset>
                <fieldset class="ui-field-contain">
                    <label for="day">Select Day: </label>
                    <select name="day" id="day">
                        <option value="mon">Monday</option>
                        <option value="tue">Tuesday</option>
                        <option value="wed">Wednesday</option>
                    </select>
                </fieldset>
                <label for="info">Message:</label>
                <textarea name="addinfo" id="info" placeholder="Message"></textarea>
                <input type="submit" data-inline="true" value="Submit" data-theme="b">
            </form>
        </div>
        <div data-role="header" data-theme="b">
            <button class="ui-btn ui-icon-home ui-btn-icon-left">Home</button>
            <h1>Tech Seminar</h1>
        </div>
        <div data-role="main" class="ui-content">

            <div class="hero" data-theme="b">
                <h1>The Grand Tech seminar</h1>
                <h2>Now in your city.</h2>
                <a href="#myPanel" class="ui-btn">Book seat</a>
            </div>

```

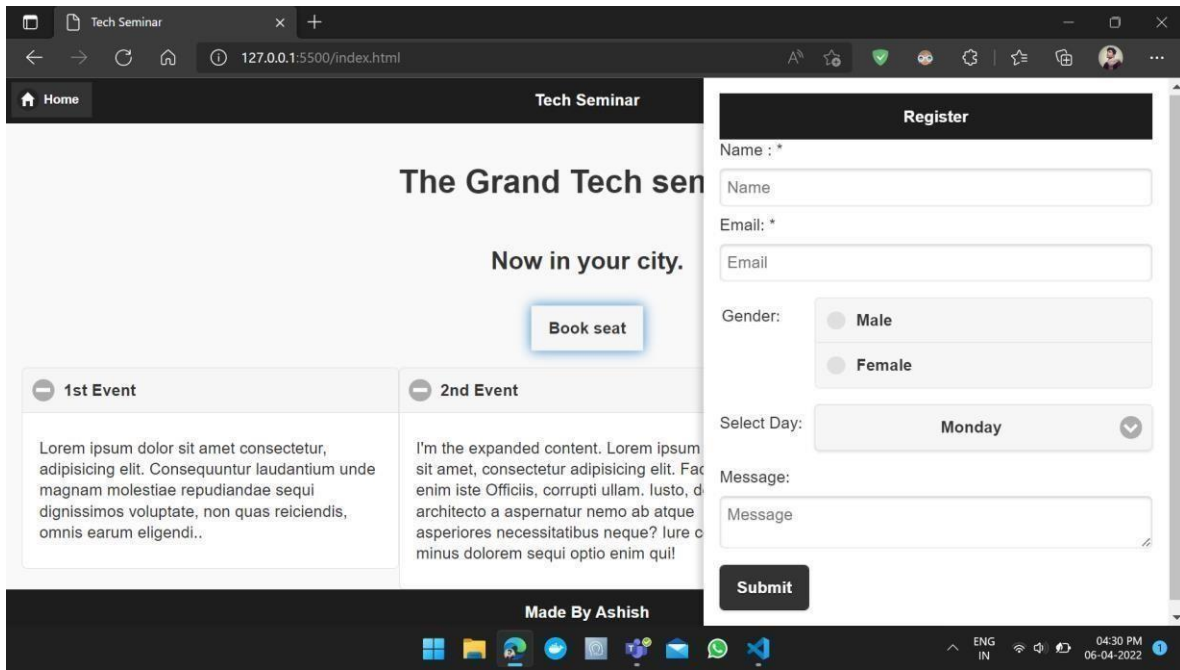
```

<div class="ui-grid-b ui-responsive">
  <div data-role="collapsible" class="ui-block-a">
    <h1>1st Event</h1>
    <p>Lorem ipsum dolor sit amet consectetur, adipisicing elit. Consequuntur laudantium unde
magnam molestiae repudiandae sequi dignissimos voluptate, non quas reiciendis, omnis
earum eligendi..
    </p>
  </div>
  <div data-role="collapsible" class="ui-block-b">
    <h1>2nd Event</h1>
    <p>I'm the expanded content. Lorem ipsum dolor sit amet, consectetur adipisicing elit.
Facilis enim iste
    Officiis, corrupti ullam. Iusto, debitis architecto a aspernatur nemo ab atque asperiores
necessitatibus neque? Iure corrupti minus dolorem sequi optio enim qui!</p>
  </div>
  <div data-role="collapsible" class="ui-block-c">
    <h1>3rd Event</h1>
    <p> Lorem ipsum dolor, sit amet consectetur adipisicing elit. Magni veniam
distinctio, inventore consectetur quo explicabo pariatur similique sint soluta
ratione sapiente ex odio. I'm the expanded content.</p>
  </div>
</div>

</div>
<div id="footer" data-role="footer" data-theme="b">
  <h1>Made By Ashish</h1>
</div>
</div>
</body>
</html>

```

## Output





# Assignment 3(b)

```
MINGW64/c/Users/badgu, x + v
badgu@MSI MINGW64 ~/Desktop
$ docker run docker/whalesay cowsay hello-sujata
Unable to find image 'docker/whalesay:latest' locally
latest: Pulling from docker/whalesay
Image docker.io/docker/whalesay:latest uses outdated schema1 manifest format. Please upgrade to a schema2 image for better future compatibility. More information at https://docs.docker.com/registry/spec/deprecated-schema-v1/
e190868d63f8: Pull complete
909cd34c6fd7: Pull complete
0b9bfabab7c1: Pull complete
a3ed95caeb02: Pull complete
00bf65475aba: Pull complete
c57b6bcc83e3: Pull complete
8978f6879e2f: Pull complete
8eed3712d2cf: Pull complete
Digest: sha256:178598e51a26abbc958b8a2e48825c90bc22e641de3d31e18aaf55f3258ba93b
Status: Downloaded newer image for docker/whalesay:latest

< hello-sujata >
  _____
 /             \
|               |
|               |
|               |
 \             /
  _____
```

```
MINGW64/c/Users/badgu, x + v
badgu@MSI MINGW64 ~/Desktop
$ docker ps -a
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS          NAMES
b26341be02eb  docker/whalesay  "cowsay hello-sujata"   29 seconds ago  Exited (0) 26 seconds ago           sad_chebyshev
ba7c9bb1ffe4   redis           "docker-entrypoint.s..." 10 days ago    Exited (0) 10 days ago           redis

badgu@MSI MINGW64 ~/Desktop
$ docker images
REPOSITORY    TAG       IMAGE ID       CREATED        SIZE
debian        buster   26a2b081e032   7 days ago    114MB
redis         latest   bba24acba395   4 weeks ago   113MB
dkrashi/flask-docker  1.0      83b797f6906a   4 weeks ago   66.6MB
mongo-express-nana_my-app  latest   a2c23f28a0b6   8 weeks ago   129MB
go-todo       latest   fb147b08b3b0   8 weeks ago   20.3MB
dkrashi/express-app  7.0      fe0d14aee688   2 months ago  125MB
mongo         latest   5285cb69ea55   2 months ago  698MB
k8s.gcr.io/ingress-nginx/controller <none>    2461b2698dcd   3 months ago  285MB
mongo-express <none>    2d2fb2cab8f    6 months ago  136MB
k8s.gcr.io/ingress-nginx/kube-webhook-certgen <none>    c41e9fcadf5a   6 months ago  47.7MB
k8s.gcr.io/kube-apiserver v1.21.5   7b2ac941d4c3   7 months ago  126MB
k8s.gcr.io/kube-controller-manager v1.21.5   184ef4d127b4   7 months ago  120MB
k8s.gcr.io/kube-proxy v1.21.5   e08abd2be730   7 months ago  104MB
k8s.gcr.io/kube-scheduler v1.21.5   8e60ea3644d6   7 months ago  50.8MB
docker/desktop-vpnkit-controller v2.0      8c2c38aa676e   11 months ago  21MB
docker/desktop-storage-provisioner v2.0      99f89471f470   12 months ago  41.9MB
k8s.gcr.io/pause 3.4.1     0f8457a4c2ec   15 months ago  683kB
k8s.gcr.io/coredns/v1.8.0 296a6d5035e2 18 months ago  42.5MB
k8s.gcr.io/etcd 3.4.13-0 0369cf4303ff 20 months ago  253MB
docker/whalesay latest    6b362a9f73eb   6 years ago    247MB
```

```
MINGW64/c/Users/badgu, x + v
D:/adurdi/WAD/WAD_LP2_Lab_Manual_Part2.pdf
badgu@MSI MINGW64 ~/Desktop
$ docker pull httpd
Using default tag: latest
latest: Pulling from library/httpd
1fe172e4850f: Pull complete
e2fa1fe9b1ec: Pull complete
60dd7398e74e: Pull complete
ea2ca81c6d4c: Pull complete
f646c69a26ec: Pull complete
Digest: sha256:e02a2ef36151905c790efb0a8472f690010150f062639bd8c0760e7b1e884c07
Status: Downloaded newer image for httpd:latest
docker.io/library/httpd:latest

badgu@MSI MINGW64 ~/Desktop
$ docker images
REPOSITORY          TAG          IMAGE ID          CREATED          SIZE
httpd                latest       c30a46771695     7 days ago      144MB
debian               buster      26a2b081e032     7 days ago      114MB
redis                latest       bba24acba395     4 weeks ago     113MB
dkrashi/flask-docker 1.0         83b797f6906a     4 weeks ago     66.6MB
mongo-express-nana_my-app latest       a2c23f28a0b6     8 weeks ago     129MB
go-todo              latest       fb147b08b3b0     8 weeks ago     20.3MB
dkrashi/express-app  7.0         fe0d14aee688     2 months ago    125MB
mongo                latest       5285cb69ea55     2 months ago    698MB
k8s.gcr.io/ingress-nginx/controller <none>       2461b2698dcd     3 months ago    285MB
mongo-express        latest       2d2fb2cabc8f     6 months ago    136MB
k8s.gcr.io/ingress-nginx/kube-webhook-certgen <none>       c41e9fcadf5a     6 months ago    47.7MB
k8s.gcr.io/kube-apiserver v1.21.5     7b2ac941d4c3     7 months ago    126MB
k8s.gcr.io/kube-scheduler v1.21.5     8e60ea3644d6     7 months ago    50.8MB
k8s.gcr.io/kube-controller-manager v1.21.5     184ef4d127b4     7 months ago    120MB
k8s.gcr.io/kube-proxy v1.21.5     e08abd2be730     7 months ago    104MB
```

## Assignment 2(c)

### **Login.component.ts**

```
import { Component, OnInit, Input, Output, EventEmitter } from '@angular/core';
import { Profile } from 'src/app/models/Profile';
@Component({
  selector: 'app-login', templateUrl:
  './login.component.html', styleUrls:
  ['./login.component.css']
})
export class LoginComponent implements OnInit {
  inputEmail: string = ""; inputPassword: string =
  "";
  @Input() profile!: Profile;
  @Output() cardEvent = new EventEmitter<number>();
  constructor() { } ngOnInit(): void {
    } login() { if (this.inputEmail == this.profile.email && this.inputPassword ==
    this.profile.password) { this.cardEvent.emit(2)
    }
  }
}
```

**Register.component.ts** import { Component, OnInit, Input, Output,
EventEmitter } from '@angular/core'; import { Profile } from
'src/app/models/Profile';

```
@Component({
  selector: 'app-register', templateUrl:
  './register.component.html', styleUrls:
  ['./register.component.css']
})
export class RegisterComponent implements OnInit {

  inputName: string = "";
  inputEmail: string = "";
  inputPassword: string = "";

  @Output() cardEvent = new EventEmitter<number>();
  @Output() profileEvent = new EventEmitter<Profile>();

  constructor() { }
  ngOnInit(): void {
    }
  register() {
    this.profileEvent.emit({ name:
    this.inputName, email:
    this.inputEmail, password:
    this.inputPassword
    })
    this.cardEvent.emit(1)
```

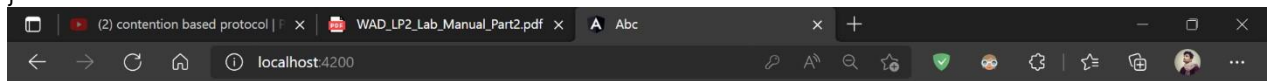
```

    }
  }
}

Profile.component.ts import { Component, OnInit, Input
} from '@angular/core'; import { Profile } from
'src/app/models/Profile';
@Component({
  selector: 'app-profile', templateUrl:
'./profile.component.html', styleUrls:
['./profile.component.css']
})
export class ProfileComponent implements OnInit {
  @Input() profile!: Profile;
  constructor() { }

  ngOnInit(): void {
  }
}

```

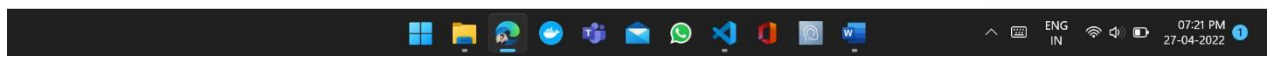


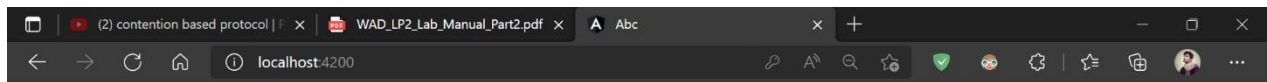
## REGISTER

Your Name

Your Email

Password

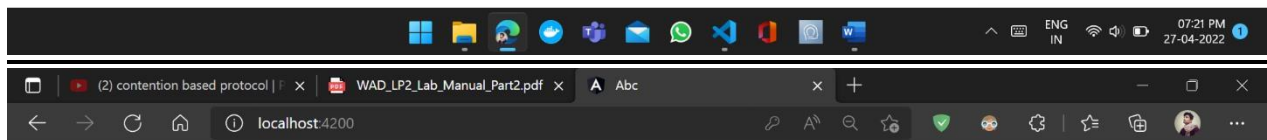




**LOGIN**

Your Email

Password

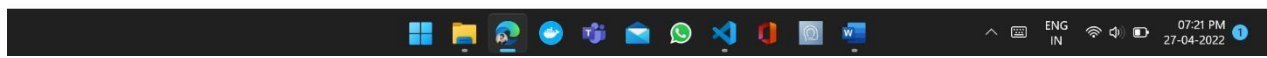


**PROFILE**

Name: Ashish

Email: ashishbadgujar124@gmail.com

Password: 1234567890



## Assignment 3(b)

### Index.js

```
let express = require('express'); let MongoClient =  
require('mongodb').MongoClient; let bodyParser =  
require('body-parser'); let app = express();
```

```
app.use(bodyParser.urlencoded({  
  extended: true  
}));
```

```

app.use(bodyParser.json());

let mongoUrlLocal = "mongodb://localhost:27017";

let mongoClientOptions = { useNewUrlParser: true, useUnifiedTopology: true };

let dbName = "wad-db";

app.post('/register', function (req, res) {
  let userObj = req.body;

  MongoClient.connect(mongoUrlLocal, mongoClientOptions, function (err, client) {
    if (err) throw err;    let db = client.db(dbName);

    let myquery = { email: userObj.email };

    db.collection("users").findOne(myquery, function (err, result) {
      if (err) throw err;    if (result) {      res.send({ err: "user
exist" })
    } else {      db.collection("users").insertOne(userObj,
function (err, result) {      if (err) throw err
client.close();      res.send(result ? result : {});
    });
  }
});
});

app.post('/update', function (req, res) {
  let userObj = req.body;
  MongoClient.connect(mongoUrlLocal,
mongoClientOptions, function (err, client)
{    if (err) throw err;

    let db = client.db(dbName);    let myquery = { email: userObj.email };    let
newvalues = { $set: userObj };    db.collection("users").updateOne(myquery, newvalues, {
upsert: true }, function (err, res) {    if (err) throw err;    client.close();
    });

  });
  res.send(userObj);
});

app.delete('/:id', function (req, res) {
  let id = req.params.id;

  MongoClient.connect(mongoUrlLocal, mongoClientOptions, function (err, client) {
    if (err) throw err;

    let db = client.db(dbName);
    let myquery = { email: id };

```

```

        db.collection("users").findOneAndDelete(myquery, function (err, result) {
if (err) throw err;          response = result;          client.close();

        res.send(response ? response : {});
    });
});
})

app.get('/:id', function (req, res) {
let response = {};    let id =
req.params.id;
    MongoClient.connect(mongoUrlLocal, mongoClientOptions, function (err, client) {
if (err) throw err;

        let db = client.db(databaseName);
let myquery = { email: id };

        db.collection("users").findOne(myquery, function (err, result) {
if (err) throw err;          response = result;
            client.close();

            res.send(response ? response : {});
        });
    });
});

app.listen(3000, function () {
console.log("app listening on port 3000!");
});

```

Postman

File Edit View Help

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Sign In Create Account

POST localhost:3000/register

No Environment

Save

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON Beautify

```
1 {
2   "name": "Ashish",
3   "email": "ashishbadgujar124@gmail.com",
4   "password": "1234567890"
5 }
```

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 83 ms Size: 296 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "acknowledged": true,
3   "insertedId": "62694d9bafcdc68e3cf91dde"
4 }
```

Find and Replace Console

Runner Trash

07:35 PM 27-04-2022



Postman

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Sign In Create Account

POST localhost:3000/update

No Environment

Save

POST localhost:3000/update

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL JSON

1 2 3 4 5

```
1 {
2   "name": "Ashish badgujar",
3   "email": "ashishbadgujar124@gmail.com",
4   "password": "1234567890"
5 }
```

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 13 ms Size: 323 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "name": "Ashish badgujar",
3   "email": "ashishbadgujar124@gmail.com",
4   "password": "1234567890"
5 }
```

Find and Replace Console

Runner Trash

07:36 PM 27-04-2022

Postman

File Edit View Help

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Sign In Create Account

GET localhost:3000/ashish

No Environment

Save

GET localhost:3000/ashish@ashish.com

Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 28 ms Size: 332 B Save Response

Pretty Raw Preview Visualize JSON

```
1 {
2   "_id": "625eaea9909aefaca5d1b4b6",
3   "name": "ashish",
4   "email": "ashish@ashish.com",
5   "password": "12345"
6 }
```

Find and Replace Console

Runner Trash

07:37 PM 27-04-2022

MongoDB Compass - localhost:27017/wad-db.users

Connect View Collection Help

localhost:27017

7 DBS 11 COLLECTIONS

☆ FAVORITE

HOST  
localhost:27017

CLUSTER  
Standalone

EDITION  
MongoDB 4.4.2 Community

My Queries

Databases

Filter your data

logvisitordb

my-db

wad-db

users

>\_MONGOSH

Documents  
wad-db.users

wad-db.users

2 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' } OPTIONS FIND RESET

ADD DATA VIEW

Displaying documents 1 - 2 of 2 REFRESH

```
{ "_id": ObjectId('625eaea9909aefaca5d1b4b6'),  
  "name": "ashish",  
  "email": "ashish@ashish.com",  
  "password": "12345"  
}
```

```
{ "_id": ObjectId('62694d9bafdc60e3cf91dde'),  
  "name": "Ashish badgujar",  
  "email": "ashishbadgujar124@gmail.com",  
  "password": "1234567890"  
}
```

Postman

File Edit View Help

Home Workspaces Reports Explore

Search Postman

Sign In Create Account

DEL localhost:3000/ashish@

No Environment

localhost:3000/ashish@ashish.com

Save

DELETE localhost:3000/ashish@ashish.com Send

Params Authorization Headers (9) Body Pre-request Script Tests Settings

Body Cookies Headers (7) Test Results

Status: 200 OK Time: 48 ms Size: 376 B Save Response

Pretty Raw Preview Visualize JSON

```
1  
2 {  
3   "lastErrorObject": {  
4     "n": 1  
5   },  
6   "value": {  
7     "_id": "625eaea9909aefaca5d1b4b6",  
8     "name": "ashish",  
9     "email": "ashish@ashish.com",  
10    "password": "12345"  
11  },  
12  "ok": 1  
}
```

## Assignment 4(b)

The screenshot displays the AWS Elastic Beanstalk console interface. The top section features a large green banner with the text "Congratulations" and a message stating: "Your first AWS Elastic Beanstalk Node.js application is now running on your own dedicated environment in the AWS Cloud. This environment is launched with Elastic Beanstalk Node.js Platform." To the right of the banner, a "What's Next?" section lists several links for further exploration, including "AWS Elastic Beanstalk overview", "AWS Elastic Beanstalk concepts", and "Deploy an Express Application to AWS Elastic Beanstalk".

The bottom section of the console shows the "Myapp-env" environment details. The "Health" status is "Ok", indicated by a green checkmark. The "Running version" is "Sample Application", and the "Platform" is "Node.js 16 running on 64bit Amazon Linux 2/5.5.1". A "Recent events" table is visible at the bottom, showing a single event with a status of "Ok".

The browser's address bar shows the URL: <https://ap-south-1.console.aws.amazon.com/elasticbeanstalk/home?r...>. The page footer includes the copyright notice: "© 2022, Amazon Internet Services Private Ltd. or its affiliates." and links for "Privacy", "Terms", and "Cookie preferences".

## Assignment 2(b)

```
root1@sujata:~$ sudo cat /etc/*release*
[sudo] password for root1:
DISTRIB_ID=Ubuntu
DISTRIB_RELEASE=18.04
DISTRIB_CODENAME=bionic
DISTRIB_DESCRIPTION="Ubuntu 18.04.1 LTS"
NAME="Ubuntu"
VERSION="18.04.1 LTS (Bionic Beaver)"
ID=ubuntu
ID_LIKE=debian
PRETTY_NAME="Ubuntu 18.04.1 LTS"
VERSION_ID="18.04"
HOME_URL="https://www.ubuntu.com/"
SUPPORT_URL="https://help.ubuntu.com/"
BUG_REPORT_URL="https://bugs.launchpad.net/ubuntu/"
PRIVACY_POLICY_URL="https://www.ubuntu.com/legal/terms-and-policies/privacy-policy"
VERSION_CODENAME=bionic
UBUNTU_CODENAME=bionic
```

```
root1@sujata:~$ lsb_release -a
No LSB modules are available.
Distributor ID: Ubuntu
Description:    Ubuntu 18.04.1 LTS
Release:        18.04
Codename:       bionic
```

```
root1@sujata:~$ sudo apt-get update
Ign:2 http://pkg.jenkins.io/debian-stable binary/ InRelease
Hit:1 https://packages.cloud.google.com/apt kubernetes-xenial InRelease
Hit:3 http://pkg.jenkins.io/debian-stable binary/ Release
Hit:5 http://in.archive.ubuntu.com/ubuntu bionic InRelease
Hit:6 http://in.archive.ubuntu.com/ubuntu bionic-updates InRelease
Hit:7 http://security.ubuntu.com/ubuntu bionic-security InRelease
Hit:8 http://in.archive.ubuntu.com/ubuntu bionic-backports InRelease
Reading package lists... Done
```

```
root1@sujata:~$ sudo apt-get remove docker docker-engine docker.io containerd runc
Reading package lists... Done
Building dependency tree
Reading state information... Done
Package 'docker' is not installed, so not removed
Package 'docker-engine' is not installed, so not removed
The following packages were automatically installed and are no longer required:
  bridge-utils cgroupfs-mount pigz ubuntu-fan
Use 'sudo apt autoremove' to remove them.
The following packages will be REMOVED:
  containerd docker.io runc
0 upgraded, 0 newly installed, 3 to remove and 462 not upgraded.
After this operation, 256 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 139814 files and directories currently installed.)
Removing docker.io (18.09.7-0ubuntu1~18.04.4) ...
'/usr/share/docker.io/contrib/nuke-graph-directory.sh' -> '/var/lib/docker/nuke-graph-directory.sh'
Removing containerd (1.2.6-0ubuntu1~18.04.2) ...
Removing runc (1.0.0-rc7+git20190403.029124da-0ubuntu1~18.04.2) ...
Processing triggers for man-db (2.8.3-2) ...
```

```

root1@sujata:~$ curl -fsSL https://get.docker.com -o get-docker.sh
root1@sujata:~$ sudo sh get-docker.sh
# Executing docker install script, commit: f45d7c11389849ff46a6b4d94e0dd1ffebca32c1
+ sh -c apt-get update -qq >/dev/null
+ sh -c DEBIAN_FRONTEND=noninteractive apt-get install -y -qq apt-transport-https ca-certificates curl >/dev/null
+ sh -c curl -fsSL "https://download.docker.com/linux/ubuntu/gpg" | apt-key add -qq - >/dev/null
Warning: apt-key output should not be parsed (stdout is not a terminal)
+ sh -c echo "deb [arch=amd64] https://download.docker.com/linux/ubuntu bionic stable" > /etc/apt/sources.list.d/docker.list
+ sh -c apt-get update -qq >/dev/null
+ [ -n ]
+ sh -c apt-get install -y -qq --no-install-recommends docker-ce >/dev/null
+ sh -c docker version
Client: Docker Engine - Community
 Version:      19.03.5
 API version:   1.40
 Go version:    go1.12.12
 Git commit:    633a0ea838
 Built:         Wed Nov 13 07:29:52 2019
 OS/Arch:       linux/amd64
 Experimental:   false

Server: Docker Engine - Community
 Engine:
  Version:      19.03.5
  API version:   1.40 (minimum version 1.12)
  Go version:    go1.12.12
  Git commit:    633a0ea838
  Built:         Wed Nov 13 07:28:22 2019
  OS/Arch:       linux/amd64
  Experimental:   false
 containerd:
  Version:      1.2.10
  GitCommit:    b34a5c8af56e510852c35414db4c1f4fa6172339
 runc:
  Version:      1.0.0-rc8+dev
  GitCommit:    3e425f80a8c931f88e6d94a8c831b9d5aa481657
 docker-init:
  Version:      0.18.0
  GitCommit:    fec3683

If you would like to use Docker as a non-root user, you should now consider
adding your user to the "docker" group with something like:

```

```

sudo usermod -aG docker your-user

```

Remember that you will have to log out and back in for this to take effect!

WARNING: Adding a user to the "docker" group will grant the ability to run containers which can be used to obtain root privileges on the docker host.  
Refer to <https://docs.docker.com/engine/security/security/#docker-daemon-attack-surface> for more information.

```

root1@sujata:~$ docker version
Client: Docker Engine - Community
 Version:      19.03.5
 API version:   1.40
 Go version:    go1.12.12
 Git commit:    633a0ea838
 Built:         Wed Nov 13 07:29:52 2019
 OS/Arch:       linux/amd64
 Experimental:   false

Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Get http://%2Fvar%2Frun%2Fdocker.sock/v1.40/version: dial unix /var/run/docker.sock: connect: permission denied

```

```

root1@sujata:~$ sudo chmod 666 /var/run/docker.sock
root1@sujata:~$ docker version
Client: Docker Engine - Community
 Version:           19.03.5
 API version:       1.40
 Go version:        go1.12.12
 Git commit:        633a0ea838
 Built:             Wed Nov 13 07:29:52 2019
 OS/Arch:           linux/amd64
 Experimental:      false

Server: Docker Engine - Community
 Engine:
  Version:           19.03.5
  API version:       1.40 (minimum version 1.12)
  Go version:        go1.12.12
  Git commit:        633a0ea838
  Built:             Wed Nov 13 07:28:22 2019
  OS/Arch:           linux/amd64
  Experimental:      false
 containerd:
  Version:           1.2.10
  GitCommit:        b34a5c8af56e510852c35414db4c1f4fa6172339
 runc:
  Version:           1.0.0-rc8+dev
  GitCommit:        3e425f80a8c931f88e6d94a8c831b9d5aa481657
 docker-init:
  Version:           0.18.0
  GitCommit:        fec3683

```

```

root1@sujata:~$ docker run docker/whalesay cowsay hello_sujata
docker: Got permission denied while trying to connect to the Docker daemon socket at unix:///var/run/docker.sock: Post http://%2Fvar%2Frun%2Fdocker.sock/v1.40/container
s/create: dial unix /var/run/docker.sock: connect: permission denied.
See 'docker run --help'.

```

```

File Edit View Search Terminal Help
GNU nano 2.9.3 /etc/resolv.conf

## This file is managed by man:systemd-resolved(8). Do not edit.
#
# This is a dynamic resolv.conf file for connecting local clients to the
# internal DNS stub resolver of systemd-resolved. This file lists all
# configured search domains.
#
# Run "systemd-resolve --status" to see details about the uplink DNS servers
# currently in use.
#
# Third party programs must not access this file directly, but only through the
# symlink at /etc/resolv.conf. To manage man:resolv.conf(5) in a different way,
# replace this symlink by a static file or a different symlink.
#
# See man:systemd-resolved.service(8) for details about the supported modes of
# operation for /etc/resolv.conf.

nameserver 8.8.8.8
nameserver 8.8.4.4
nameserver 127.0.0.53

```



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
---	---	---	---	---	---	---	---	---	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	-----

```
root1@suiata:~$ sudo systemctl status docker
```

```
Feb 08 21:34:45 swiata-deckerd[105041]: time="2020-02-08T21:34:45.773886405+05:30" level=info msg="Attempting next endpoint for pull after error: Get https://
```

```
root@0xw1n1t3r:~# sudo docker run -d --name=nginx nginx:alpine
```

```
-----
hello world
```

```
root1@sujata:~$
```

```
root1@sujata:~/dockerfile-tutorial$ sudo docker images
```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
raintnginxserver	latest	1ac8603be6c7	21 hours ago	152MB
mynginxserver1	latest	447e0693112e	23 hours ago	64.2MB
<none>	<none>	1166e35685f8	24 hours ago	247MB
sujata18061977/raitmodified_ubuntu	latest	6d5e32844787	38 hours ago	189MB
k8s.gcr.io/kube-proxy	v1.17.2	cba2a99699bd	3 weeks ago	116MB
k8s.gcr.io/kube-apiserver	v1.17.2	41ef50a5f06a	3 weeks ago	171MB
k8s.gcr.io/kube-controller-manager	v1.17.2	da5fd66c4068	3 weeks ago	161MB
k8s.gcr.io/kube-scheduler	v1.17.2	f52d4c527ef2	3 weeks ago	94.4MB
ubuntu	latest	ccc6e87d482b	3 weeks ago	64.2MB
k8s.gcr.io/coredns	1.6.5	70f311871ae1	3 months ago	41.6MB
k8s.gcr.io/etcd	3.4.3-0	303ce5db0e90	3 months ago	288MB
quay.io/coreos/flannel	v0.11.0-amd64	ff281650a721	12 months ago	52.6MB
k8s.gcr.io/pause	3.1	da86e6ba6ca1	2 years ago	742kB
docker/whalesay	latest	6b362a9f73eb	4 years ago	247MB

```
root1@sujata:~/dockerfile-tutorial$ sudo docker run docker/whalesay
```

```
root1@sujata:~/dockerfile-tutorial$ sudo docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
--------------	-------	---------	---------	--------	-------	-------

```
root1@sujata:~/dockerfile-tutorial$ sudo docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
34c53b419270	docker/whalesay	"/bin/bash"	45 seconds ago	Exited (0) 44 seconds ago		vigilant_clarke
f4d051c48a74	raintnginxserver	"nginx -g 'daemon of..."	21 hours ago	Exited (0) 21 hours ago		flamboyant_burnell
08f8f6add9fb	447e0693112e	"/bin/sh -c 'apt-get..."	21 hours ago	Exited (100) 21 hours ago		sharp_booth
5ed051cd386d	447e0693112e	"/bin/sh -c 'apt ins..."	22 hours ago	Exited (100) 22 hours ago		stupefied_lehmann
79ed3a4c5c8d	447e0693112e	"/bin/sh -c 'apt ins..."	22 hours ago	Exited (100) 22 hours ago		quizzical_edison
3c4dbd17de2a	447e0693112e	"/bin/sh -c 'apt ins..."	22 hours ago	Exited (100) 22 hours ago		determined_engelba
rt						
3e9d1f18ac47	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		lucid_cerf
b56d5bf2e4fb	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		hungry_ride
030ee1976b5e	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		romantic_chandrase
khar						
18edc88f96fe	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		sharp_meitner
e8cb0780bc0d	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		cocky_chaplygin
b78a1d471f4e	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		funny_greider
99f59fc1bd22	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		gallant_matsumoto
395286abc3f8	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		determined_kirch
33de9c293991	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		nervous_goldberg
106dde3b0c0f	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		brave_hamilton
7a8e44049421	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		boring_clarke

```
root1@sujata:~/dockerfile-tutorial$ sudo docker start flamboyant_burnell
```

```
flamboyant_burnell
```

```
root1@sujata:~/dockerfile-tutorial$ sudo docker ps -a
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
34c53b419270	docker/whalesay	"/bin/bash"	2 minutes ago	Exited (0) 2 minutes ago		vigilant_clarke
f4d051c48a74	raintnginxserver	"nginx -g 'daemon of..."	21 hours ago	Up 7 seconds	0.0.0.0:8088->80/tcp	flamboyant_burn
ell						
08f8f6add9fb	447e0693112e	"/bin/sh -c 'apt-get..."	21 hours ago	Exited (100) 21 hours ago		sharp_booth
5ed051cd386d	447e0693112e	"/bin/sh -c 'apt ins..."	22 hours ago	Exited (100) 22 hours ago		stupefied_lehma
nn						
79ed3a4c5c8d	447e0693112e	"/bin/sh -c 'apt ins..."	22 hours ago	Exited (100) 22 hours ago		quizzical_ediso
n						
3c4dbd17de2a	447e0693112e	"/bin/sh -c 'apt ins..."	22 hours ago	Exited (100) 22 hours ago		determined_enge
lbart						
3e9d1f18ac47	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		lucid_cerf
b56d5bf2e4fb	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		hungry_ride
030ee1976b5e	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		romantic_chandr
asekhar						
18edc88f96fe	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		sharp_meitner
e8cb0780bc0d	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		cocky_chaplygin
b78a1d471f4e	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		funny_greider
99f59fc1bd22	447e0693112e	"/bin/sh -c 'apt ins..."	23 hours ago	Exited (100) 23 hours ago		gallant_matsumo

```
to
```



```

root1@sujata:~$ sudo docker pull httpd
Using default tag: latest
latest: Pulling from library/httpd
bc51dd8edc1b: Pull complete
dca5bc65e18f: Pull complete
ccac3445152a: Pull complete
8515f2015fbc: Pull complete
e35494488b8c: Pull complete
Digest: sha256:b783a610e75380aa152dd855a18368ea2f3becb5129d0541e2ec8b662cbd8afb
Status: Downloaded newer image for httpd:latest
docker.io/library/httpd:latest

```

```

root1@sujata:~$ sudo docker images

```

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
raitnginxserver	latest	1ac8603be6c7	22 hours ago	152MB
mynginxserver1	latest	447e0693112e	24 hours ago	64.2MB
<none>	<none>	1166e35685f8	25 hours ago	247MB
sujata18061977/raitmodified_ubuntu	latest	6d5e32844787	39 hours ago	189MB
httpd	latest	c562eeace183	8 days ago	165MB
k8s.gcr.io/kube-proxy	v1.17.2	cba2a99699bd	3 weeks ago	116MB
k8s.gcr.io/kube-apiserver	v1.17.2	41ef50a5f06a	3 weeks ago	171MB
k8s.gcr.io/kube-controller-manager	v1.17.2	da5fd66c4068	3 weeks ago	161MB
k8s.gcr.io/kube-scheduler	v1.17.2	f52d4c527ef2	3 weeks ago	94.4MB
ubuntu	latest	ccc6e87d482b	3 weeks ago	64.2MB
k8s.gcr.io/coredns	1.6.5	70f311871ae1	3 months ago	41.6MB
k8s.gcr.io/etcd	3.4.3-0	303ce5db0e90	3 months ago	288MB
quay.io/coreos/flannel	v0.11.0-amd64	ff281650a721	12 months ago	52.6MB
k8s.gcr.io/pause	3.1	da86e6ba6ca1	2 years ago	742kB
docker/whalesay	latest	6b362a9f73eb	4 years ago	247MB