

## ASSIGNMENT – 1

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- 1) Create registration page in html with username, email and phone number and by using POST method display it in next html page.

### SOURCE CODE :

#### Registration.html

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" type="text/css" href="Registration.css" />
    <script type="text/javascript" src="Registration.js"></script>
  </head>

  <body>
    <form method="post" action="next.html">
      <h1>
        REGISTRATION FORM
      </h1>
      <div class="form-element">
        <lable>
          Enter User Name :
        </lable>
        <input type="text" placeholder="User_Name" name="User_Name"
id="User_Name"/>
      </div>
      <div class="form-element">
        <lable>
          Enter User Email Id :
        </lable>
        <input type="email" placeholder="Email_Id" name="Email_Id"
id="Email_Id"/>
      </div>
      <div class="form-element">
        <lable>
          Enter User Phone Number :
```

```

        </lable>
        <input type="text" placeholder="Mobile_Number"
name="Mobile_Number" id="Mobile_Number"/>
    </div>
    <div class="form-element">
        <button type="submit" onclick="handleSubmit()">Submit</button>
    </div>

</form>
</body>
</html>

```

## Registration.js

```

function handleSubmit(){

    const name = document.getElementById('User_Name').value;
    const mail = document.getElementById('Email_Id').value;
    const mobileNumber = document.getElementById('Mobile_Number').value;

    localStorage.setItem("NAME", name);
    localStorage.setItem("MAIL_ID", mail);
    localStorage.setItem("MOBILE_NUMBER", mobileNumber);

    return;
}

```

## Registration.css

```

*{
    margin : 0px;
    padding : 0px;
    font-family:Verdana, Geneva, Tahoma, sans-serif;
}

body{
    background-color: skyblue;
}

form{
    position: absolute;
    top:50%;
    left: 50%;
    transform: translate(-50% , -50%);
    border : 1px solid gray;
}

```

```

padding : 50px 30px;
border-radius: 8px ;
background-image: linear-gradient(#A100FFFF, #19CFDFF);
}

.form-element{
margin : 10px;
padding : 20px;
}

form h1{
padding : 10px 30px
}

form div input{
background-color: cadetblue;
padding : 5px;
border-radius: 8px;
}

form div lable{
font-weight: bold;
}

button{

font-size: medium;
padding : 10px 80px;
margin-left: 110px;
border-radius: 10px;
border : 1px solid gray;
background-color: blue;
}

```

## Next.html

```

<!DOCTYPE html>

<html>
  <head>
    <link rel="stylesheet" href="next.css"/>
    <script type="text/javascript" src="next.js"></script>
  </head>

  <body>
    <div class="container">

```

```

        <h1>
            User Name : <span id="name"></span></br></br>
            Email Id  : <span id="mailId"></span></br></br>
            Mobile No : <span id="mobileNumber"></span>
        </h1>
    </div>
</body>
</html>

```

## Next.js

```

window.addEventListener('load', () =>{

    const name = localStorage.getItem("NAME");
    const email = localStorage.getItem("MAIL_ID");
    const mobileNumber = localStorage.getItem("MOBILE_NUMBER");

    document.getElementById('name').innerHTML = name;
    document.getElementById('mailId').innerHTML = email;
    document.getElementById('mobileNumber').innerHTML = mobileNumber;

})

```

## Next.css

```

*{
    margin: 0px;
    padding:0px;
    font-family:Verdana, Geneva, Tahoma, sans-serif;
}

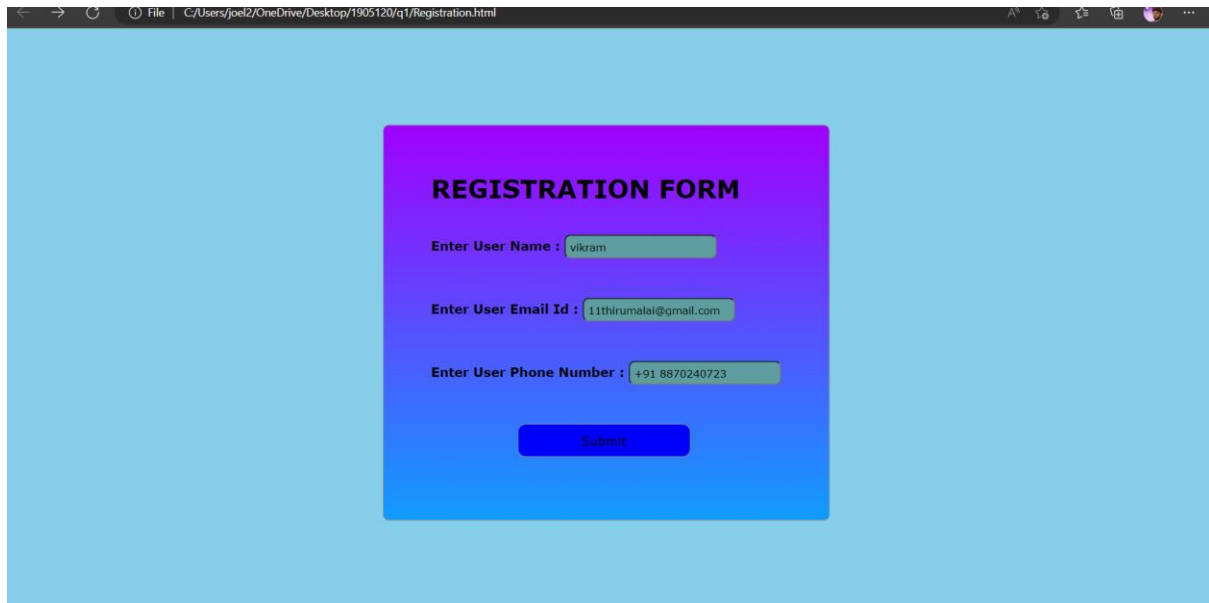
body{
    background-image: linear-gradient(#A100FFFF, #119CFDFF);
}

.container{

    border-radius: 10px;
    margin: 280px 430px;
}

```

## OUTPUT :



A screenshot of a web browser displaying a registration form. The browser's address bar shows the file path: C:/Users/joel2/OneDrive/Desktop/1905120/q1/Registration.html. The form is titled "REGISTRATION FORM" and is set against a light blue background. It contains three input fields: "Enter User Name :" with the value "vikram", "Enter User Email Id :" with the value "11thirumalai@gmail.com", and "Enter User Phone Number :" with the value "+91 8870240723". Below these fields is a blue "Submit" button.

**REGISTRATION FORM**

Enter User Name : vikram

Enter User Email Id : 11thirumalai@gmail.com

Enter User Phone Number : +91 8870240723

Submit



A screenshot of a web browser displaying the registration details. The browser's address bar shows the file path: C:/Users/joel2/OneDrive/Desktop/1905120/q1/next.html. The page has a blue gradient background and displays the following information:

**User Name : vikram**

**Email Id : 11thirumalai@gmail.com**

**Mobile No : +91 8870240723**

**2 ) Develop a flask program which should contain at least 5 packages used from pypi.org.**

**PYTHON SOURCE CODE :**

```
from flask import Flask
from flask import render_template
from flask import url_for
from flask import request
from flask import redirect
from flask import abort

app = Flask(__name__)

@app.route("/")

def home():
    return render_template("index.html")

@app.route("/index")

@app.route("/Display.html", methods = ["GET", "POST"])

def register():
    if request.method == "POST":
        name = request.form['name']
        mail = request.form['mail']

        if name == "Admin":
```

```

        return redirect(url_for("about"))
    elif name == "Dummy":
        abort(403)
    else:
        return render_template("Display.html", name = name, mail = mail)

@app.route("/about")
def about():
    return render_template("about.html")

if __name__ == '__main__':
    app.run(debug = True)

```

### **/templates/index.html**

```

<!DOCTYPE html>
<html>
    <head>
        <link rel='stylesheet'
href="{{url_for('static',filename='css/style1.css')}}">
    </head>

    <body>
        <form method="post" action="Display.html">
            <h1>
                FILL THE DETAILS
            </h1>
            <div class="form-element">
                <lable>
                    Enter User Name :
                </lable>
                <input type="text" placeholder="User_Name" name="name"/>
            </div>
            <div class="form-element">
                <lable>
                    Enter User Email Id :
                </lable>

```

```

        <input type="email" placeholder="Email_Id" name="mail"/>
    </div>

    <div class="form-element">
        <button type="submit" >Submit</button>
    </div>

</form>
</body>
</html>

```

## /templates/Display.html

```

<!DOCTYPE html>
<html>
    <head>

    </head>

    <body style="background-color: rgb(58, 58, 148); margin:300px 500px">
        <h1>Happy To See You Again : {{name}}</h1></br>
        <h1>Your Mail Id Is : {{mail}}</h1>
    </body>
</html>

```

## /templates/about.html

```

<!DOCTYPE html>
<html>
    <head>

    </head>

    <body style="background-color: rgb(58, 58, 148);">
        <h1 style=" margin:300px 600px">WELCONE ADMIN</h1>
    </body>
</html>

```



## /static/style1.css

```
*{
  margin : 0px;
  padding : 0px;
  font-family: Verdana, Geneva, Tahoma, sans-serif;
}

body{
  background-color : rgb(58, 58, 148);
}

form{
  position: absolute;
  top: 50%;
  left: 50%;
  transform: translate(-50% , -50%);
  border : 1px solid gray;
  padding : 50px 30px;
  border-radius: 8px ;
  background-image: linear-gradient(#A100FFFF, #119CFDFF);
}

.form-element{
  margin : 10px;
  padding : 20px;
}

form h1{
  padding : 10px 30px
}

form div input{
  background-color: cadetblue;
  padding : 5px;
  border-radius: 8px;
}

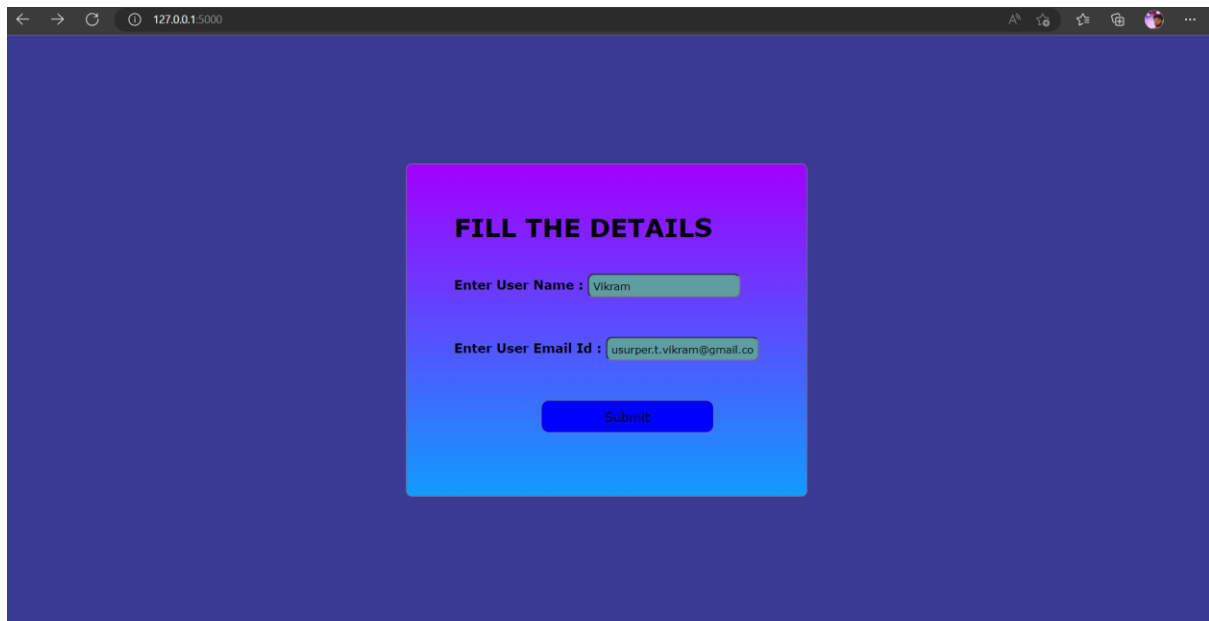
form div lable{
  font-weight: bold;
}

button{

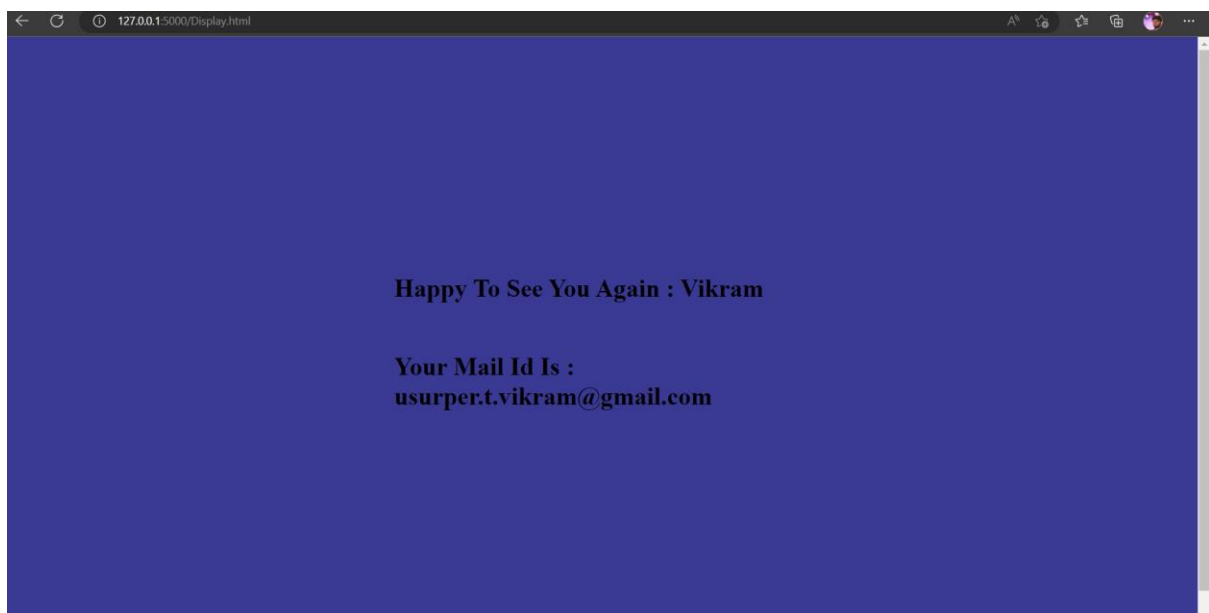
  font-size: medium;
  padding : 10px 80px;
  margin-left: 110px;
  border-radius: 10px;
  border : 1px solid gray;
```

```
background-color: blue;  
}
```

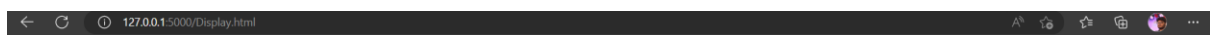
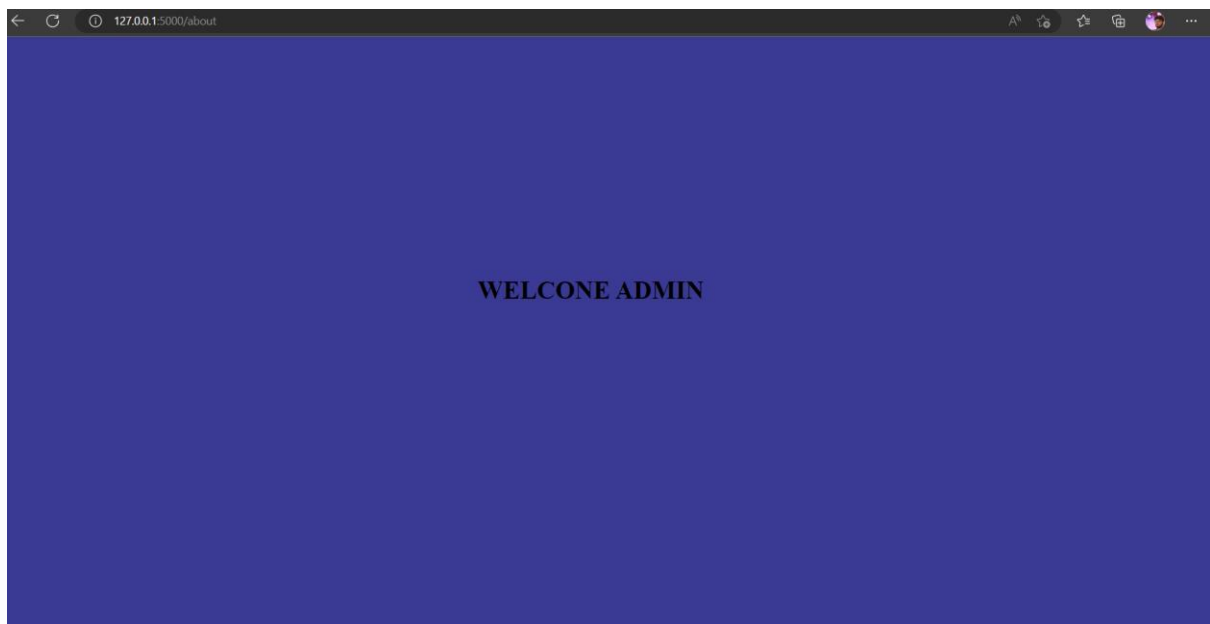
## OUTPUT :



A screenshot of a web browser window displaying a form titled "FILL THE DETAILS". The form is centered on a dark blue background. It contains two input fields: "Enter User Name" with the value "Vikram" and "Enter User Email Id" with the value "usurper.t.vikram@gmail.co". Below the input fields is a blue "Submit" button.



A screenshot of a web browser window displaying the output of the form submission. The background is dark blue. The text "Happy To See You Again : Vikram" is displayed in the center. Below it, the text "Your Mail Id Is : usurper.t.vikram@gmail.com" is displayed.



## Forbidden

You don't have the permission to access the requested resource. It is either read-protected or not readable by the server.