

ASSIGNMENT NO. : 2

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PROJECT NAME : PLASMA DONOR APPLICATION

DOMAIN NAME : CLOUD APPLICATION
DEVELOPMENT

TEAM ID : PNT2022TMID25930

QUESTION 1: CREATE FORM OF TYPE INPUT TEXT, EMAIL, PASSWORD, RADIO BUTTON, TEXT AREA AND DROP DOWN. NAVIGATE TO SUCCESS PAGE AND DISPLAY FIELDS OF FORM IN TABLE

SOLUTION

MAINPAGE.HTML

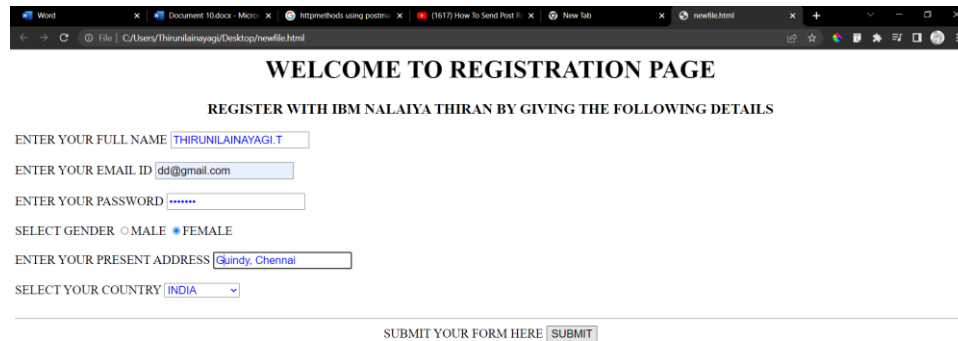
```
<HTML>
<head>
</head>
<BODY >
<CENTER >
<H1>WELCOME TO REGISTRATION PAGE</H1>
<H3>REGISTER WITH IBM NALAIYA THIRAN BY GIVING THE
FOLLOWING DETAILS</H3>
</CENTER>
<FORM>
ENTER YOUR FULL NAME <INPUT
TYPE="TEXT" ID="NAME" REQUIRED />
<BR><BR>
ENTER YOUR EMAIL ID <INPUT TYPE="EMAIL"
ID="EMAIL" REQUIRED />
<BR><BR>
ENTER YOUR PASSWORD <INPUT
TYPE="PASSWORD" ID="PWD" REQUIRED />
<BR><BR>
SELECT GENDER
```

```
<INPUT TYPE="RADIO" NAME="GENDER" />MALE
<INPUT TYPE="RADIO" NAME="GENDER" />FEMALE
<BR><BR>
ENTER YOUR PRESENT ADDRESS <INPUT
TYPE="TEXTAREA" ID="ADDRESS" REQUIRED />
<BR><BR>
SELECT YOUR COUNTRY <select name="COUNTRY" id="COUNTRY"
REQUIRED >
<option value="volvo">INDIA</option>
<option value="saab">JAPAN</option>
<option value="mercedes">US</option>
<option value="audi">AUSTRALIA</option>
</select>
<BR><BR><hr>
<CENTER>SUBMIT YOUR FORM HERE
<INPUT TYPE="submit"
VALUE="SUBMIT" onclick="Success()" />
</CENTER>
</FORM>
</BODY>
</HTML>
```

SUCCESSPAGE.HTML

```
<HTML>
<head>
<script>
function Success()
{
var tbl=document.getElementById("formdata");
var row=tbl.insertRow();
var cell1=row.insertCell();
var cell2=row.insertCell();
var cell3=row.insertCell();
cell1.innerHTML=document.getElementById("NAME").value;
cell2.innerHTML=document.getElementById("EMAIL").value;
cell3.innerHTML=document.getElementById("PWD").value;
}
</script>
</head>
<BODY>
<TABLE BORDER="1" id="formdata">
<tr>
<th>NAME</th>
<th>EMAIL ID</th>
<th>PASSWORD</th>
</tr>
</TABLE>
</BODY>
</HTML>
```

OUTPUT:



WELCOME TO REGISTRATION PAGE

REGISTER WITH IBM NALAIYA THIRAN BY GIVING THE FOLLOWING DETAILS

ENTER YOUR FULL NAME

ENTER YOUR EMAIL ID

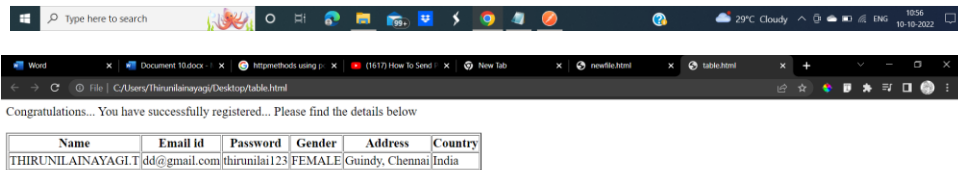
ENTER YOUR PASSWORD

SELECT GENDER ☐ MALE ☒ FEMALE

ENTER YOUR PRESENT ADDRESS

SELECT YOUR COUNTRY

SUBMIT YOUR FORM HERE



Congratulations... You have successfully registered... Please find the details below

Name	Email id	Password	Gender	Address	Country
THIRUNILAINAYAGI	dd@gmail.com	thirunilai123	FEMALE	Guindy, Chennai	India



QUESTION 2 CREATE EXTERNAL STYLESHEET FOR THE ABOVE PROGRAM

SOLUTION

The line which needs to be added in above HTML file is

```
<link rel="stylesheet" href="mystyle.css">
```

mystyle.css

#styling for the whole document

```
body {  
background-color: lightblue;  
foreground-color:coral;  
}
```

#styling for h1 tag

```
h1 {  
color: navy;  
margin-left: 20px;  
}
```

#styling for h3 tag

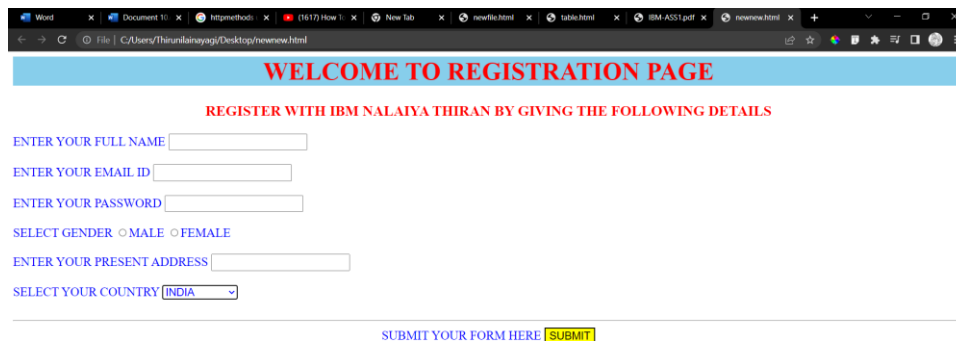
```
h3  
{  
color:coral;  
font-family:sans-serif;  
font-style:italic  
}
```

#styling for hr tag

```
hr
```

```
{  
color:green;  
}
```

OUTPUT:



WELCOME TO REGISTRATION PAGE

REGISTER WITH IBM NALAIYA THIRAN BY GIVING THE FOLLOWING DETAILS

ENTER YOUR FULL NAME

ENTER YOUR EMAIL ID

ENTER YOUR PASSWORD

SELECT GENDER ☐ MALE ☐ FEMALE

ENTER YOUR PRESENT ADDRESS

SELECT YOUR COUNTRY

[SUBMIT YOUR FORM HERE](#)



QUESTION 3: CREATE SAMPLE PROGRAM FOR FLASKHTTP METHODS

HTTPMETHODS.PY

#import statement

from flask import Flask,request,json

#assign flask to name variable

app=Flask(__name__)

#defining a set of dict values to be used when user interacts

dress_items={"1":"saree", "2":"kurti", "3":"lehanga", "4":"Salwar", "5":"T-Shirt", "6":"Safari" }

#GET and POST methods demo

@app.route('/data',methods=['GET','POST'])

def api():

```
if request.method=='GET':
    return dress_items
if request.method=='POST':
    data=request.json
    dress_items.update(data)
    return 'data got inserted'
#PUT method demo
@app.route("/data/<id>",methods=['PUT'])
def update(id):
    data=request.form['item']
    dress_items[str(id)]=data
    return 'data updated'
#DELETE method demo
@app.route("/data/<id>",methods=["DELETE"])
def deleteoperation(id):
    dress_items.pop(str(id))
    return 'data deleted'
#default line similar to main method
if __name__=='__main__':
    app.run(debug=True)
```

OUTPUT

Postman

FileEditViewHelp

HomeWorkspacesReportsExplore

Search Postman

Send

Upgrade

Overview

POSThttp://127.0.0.1:5000/

No Environment

Save

Send

POST

http://127.0.0.1:5000/

Send

ParamsAuthorizationHeaders (8)BodyPre-request ScriptTestsSettings

Cookies

Query Params

KEY	VALUE	DESCRIPTION
Key	Value	Description

Bulk Edit

Response