

Assignment-2

Cloud App Development

Assignment Date	7 September 2022
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Maximum Marks	2 Marks

Question-1:

Write a flask program which should display name ,email ,phone and it should display the same details once we hit submit.

Solutions:

app.py:

```
from flask import Flask,render_template, request
```

```
app = Flask(__name__)
```

```
@app.route('/')
```

```
@app.route('/home')
```

```
def homepage():
```

```
    return render_template('reg.html')
```

```
@app.route("/confirm",methods=['POST','GET'])
```

```
def reg():
```

```
    if request.method=='POST':
```

```
        n = request.form.get('name')
```

```
        a = request.form.get('age')
```

```
        c = request.form.get('city')
```

```
        return render_template('confirm.html',name = n,age =a ,city = c)
```

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

reg.html:

```
<html>  
<head>  
<meta charset="UTF-8">  
<title>Registration</title>  
</head>  
<body>  
<form action="/confirm" method="post">  
<label>Name</label>  
<input type="text" name="name">  
<label>Age</label>  
<input type="text" name="age">  
<label>City</label>  
<input type="text" name="city">  
<input type="submit">  
</body>  
</html>
```

confirm.html:

```
<html>  
<head>  
<title></title>  
</head>  
<body>  
<h1>Registration Successful</h1>
```

```
<table>

<tr>

<td>Name</td><td>{{name}}</td>

</tr>

<tr>

<td>Age</td><td>{{age}}</td>

</tr>

<tr>

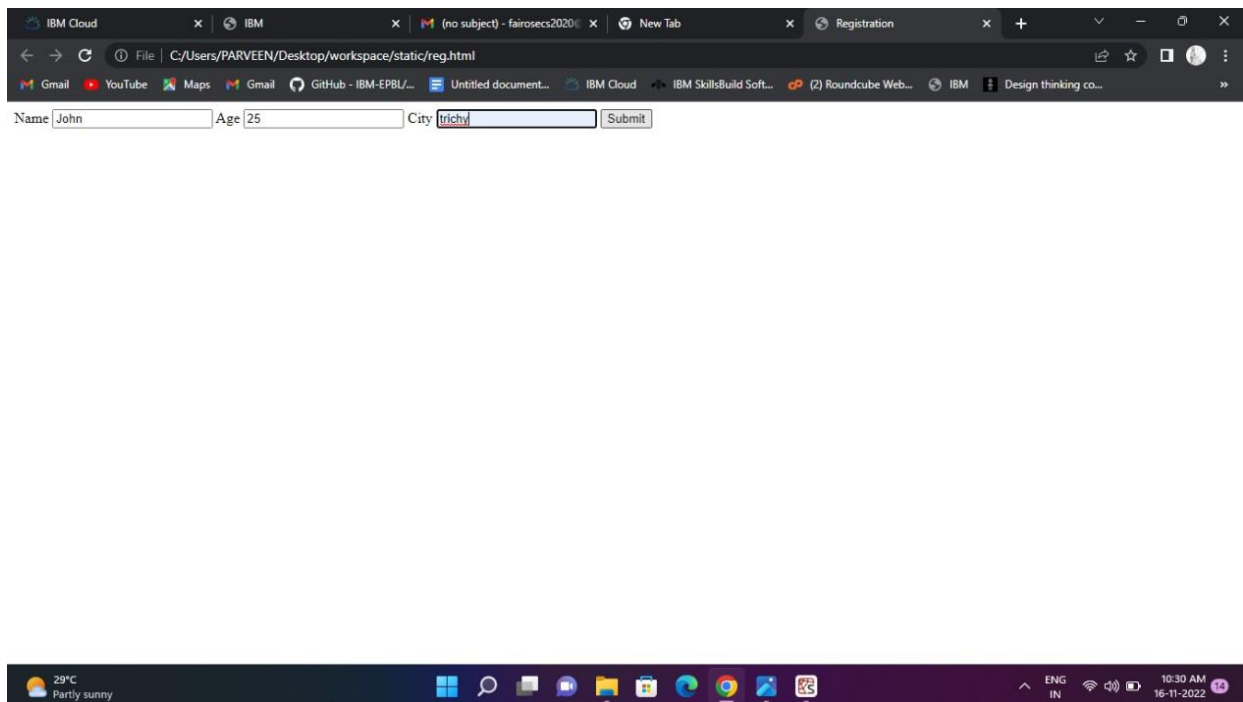
<td>City</td><td>{{city}}</td>

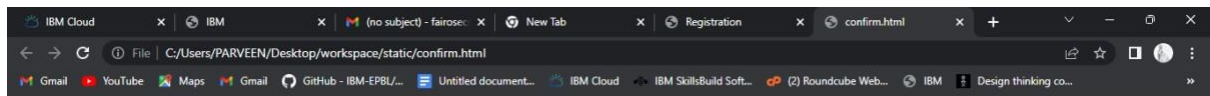
</tr>

</body>

</html>
```

Output:





Registration Successful

Name John
Age 25
City trichy

Question-2:

Write a flask program which should cover cookies,sessions.

Solutions:

cookie.py:

```
from flask import *  
app = Flask(__name__)  
  
@app.route('/')  
def setcookie():  
    res = make_response("cookie is set")  
    res.set_cookie('Flask' , 'Framework')  
    return res  
  
if __name__=='__main__':  
    app.run(debug=True)
```

Output:



Question-3:

Write a flask program which should display resume details and also have upload resume option.

Solutions:

uploadfile.html:

```
<html>
<body>
<form action = "/uploader" method = "POST" enctype = "multipart/form-data">
<input type = "file" name = "file">
<input type = "submit"/>
</form>
</body>
</html>
```

uploadfile.py:

```
from flask import Flask, render_template, request
from werkzeug.utils import secure_filename
app = Flask(__name__)
```

```
@app.route('/')
def upload_file():
    return render_template('uploadfile.html')
```

```
@app.route('/uploader', methods = ['GET', 'POST'])
def flask_upload():
    if request.method == 'POST':
        f=request.files['file']
        f.save(secure_filename(f.filename))
        return 'file uploaded successfully'
```

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

Output:



