

Assignment -1

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Question-1:

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

CODE:

HTML

```
login.html > html > head
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4  <meta name="viewport" content="width=device-width, initial-scale=1.0" />
5  <link rel="stylesheet" href="./style.css" />
6  <title>Registration page</title>
7  </head>
8  <body>
9  <form action="http://localhost:5000/login" method="post">
10 <div class="container">
11 <h1>Registration page</h1>
12 <hr />
13
14 <label for="uname"><b>Username:</b></label>
15 <input type="text" placeholder="Enter Username" name="uname" required />
16
17 <label for="email"><b>Email:</b></label>
18 <input
19   type="text"
20   placeholder="Enter Email"
21   name="email"
22   id="email"
23   required
24 />
25
26 <label for="phone"><b>Enter your phone number:</b></label>
27 <input
28   type="tel"
29   id="phone"
30   name="phone"
31   placeholder="Enter your phoneNo"
32 />
33
34 <button type="submit" class="registerbtn">Register</button>
35 </div>
36 </form>
37 </body>
38 </html>
39
```

display.html

```
templates > display.html > html > body > h1
1  <!DOCTYPE html>
2  <html lang="en">
3  <head>
4      <meta charset="UTF-8">
5      <meta http-equiv="X-UA-Compatible" content="IE=edge">
6      <meta name="viewport" content="width=device-width, initial-scale=1.0">
7      <title>Document</title>
8  </head>
9  <body>
10     <h1 style="text-align: center;background-color: darkgrey">Display Page</h1>
11     <h3>Username: {{ username }}</h3>
12     <h3>Email: {{ email }}</h3>
13     <h3>Phone No: {{ phone }}</h3>
14 </body>
15 </html>
```

FLASK PYTHON

```
E:\vs code practice\python\bm\app.py
app.py x
1  # save this as app.py
2  from flask import Flask,redirect,url_for, request,render_template
3
4  app = Flask(__name__)
5
6  @app.route('/success/<name>/<mail>/<phno>')
7  def success(name,mail,phno):
8      return render_template('display.html', username=name, email=mail, phone=phno)
9
10 @app.route('/Login',methods = ['POST', 'GET'])
11 def login():
12     if request.method == 'POST':
13         user = request.form['uname']
14         email = request.form['email']
15         phone = request.form['phone']
16         return redirect(url_for('success',name = user,mail = email, phno = phone))
17     else:
18         user = request.args.get('uname')
19         email = request.args.get('email')
20         phone = request.args.get('phone')
21         return redirect(url_for('success',name = user,mail = email, phno = phone))
22
23 if __name__ == '__main__':
24     app.run(debug = True)
25
```

OUTPUT

Registration page

Username:

Email:

Enter your phone number:

Display Page

Username: ABDULADHIL
Email: abduladhil@gmail.com
Phone No: 9877554331

Question-2:

Develop a flask program which should contain atleast 5 packages used from pypi.org.

Packages used :

1. from __future__ import print_function
2. import sys
3. from datetime import datetime
4. from flask import Flask,redirect
5. import emoji
6. from urllib.request import urlopen

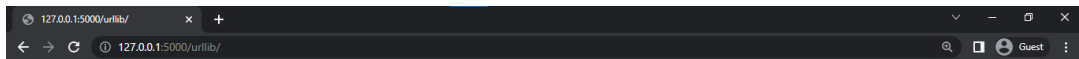
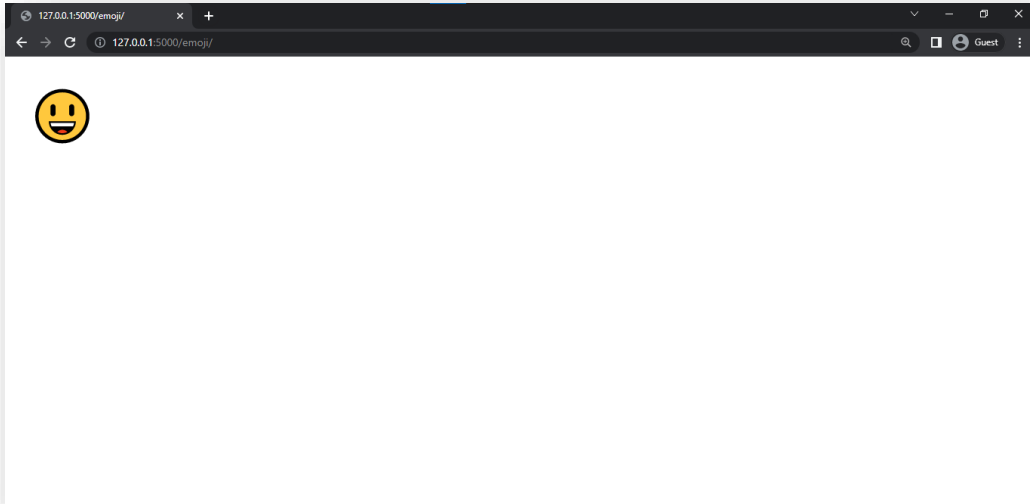
Code:

```
1  from __future__ import print_function
2  import sys
3  from datetime import datetime
4  from flask import Flask, redirect
5  import emoji
6  from urllib.request import urlopen
7
8
9  app = Flask(__name__)
10
11 @app.route("/")
12 def home():
13     date = datetime.now().strftime("%H:%M:%S")
14
15     return 'Time: %s' % str(date)
16
17 @app.route("/emoji/")
18 def emojiPage():
19
20     return emoji.emojize(":grinning_face_with_big_eyes:")
21
22 @app.route("/urllib/")
23 def pillowpkg():
24
25     page = urlopen("http://geeksforgeeks.org/")
26     return 'Url Package : %s' % str(page.headers)
27
28 @app.route('/print/')
29 def print_console():
30     print('This is Assignment 1 by Abdul Adhil', file=sys.stderr)
31     return redirect('/')
32
33
34 if __name__ == "__main__":
35     app.run(debug=True)
```

Output:



Time: 21:42:29



Url Package : Server: nginx Content-Type: text/html; charset="UTF-8" X-Frame-Options: DENY X-Akamai-Transformed: 9 - 0 pmb=mRUM,2 Vary: Accept-Encoding Cache-Control: max-age=21295 Date: Wed, 28 Sep 2022 16:14:12 GMT Transfer-Encoding: chunked Connection: close Connection: Transfer-Encoding Server-Timing: cdn-cache; desc=HIT Server-Timing: edge; dur=86

```
* Serving Flask app 'flaskapp'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 878-098-958
This is Assignment 1 by Abdul Adhil
```