

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

```
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="background-color: #add8e6; color: #f0f0f0; padding: 5px;">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: Ashritha
Email: ashritha@gmail.com
Phone No: 9876543214

Question-2:

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

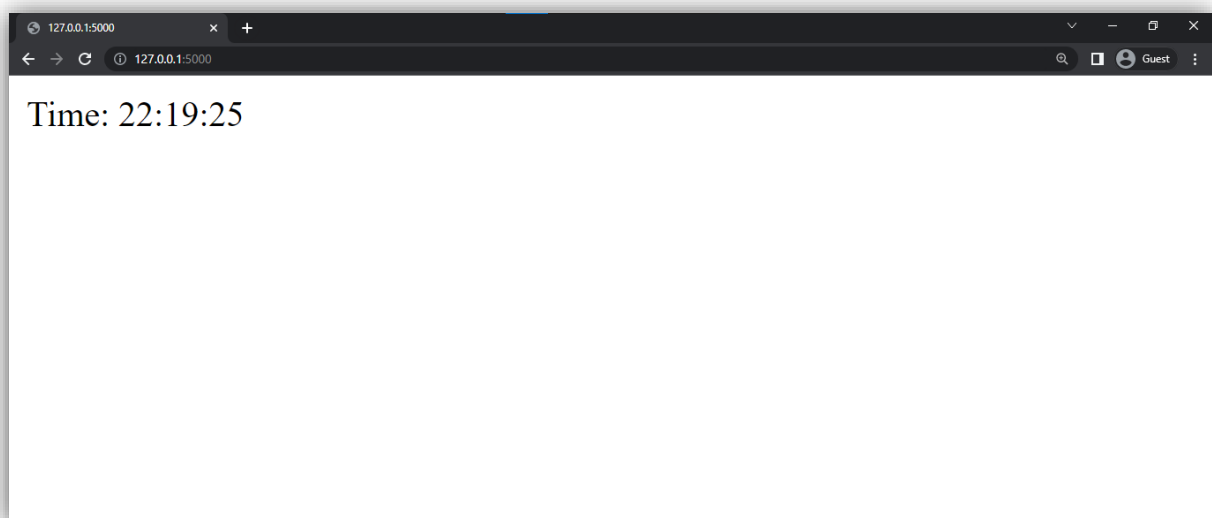
Packages used :

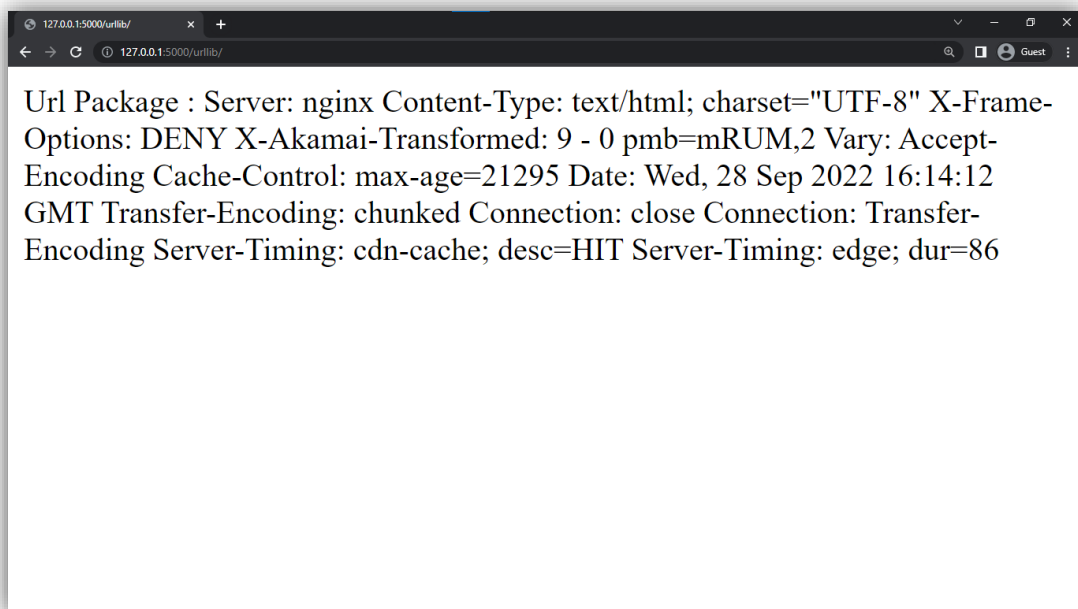
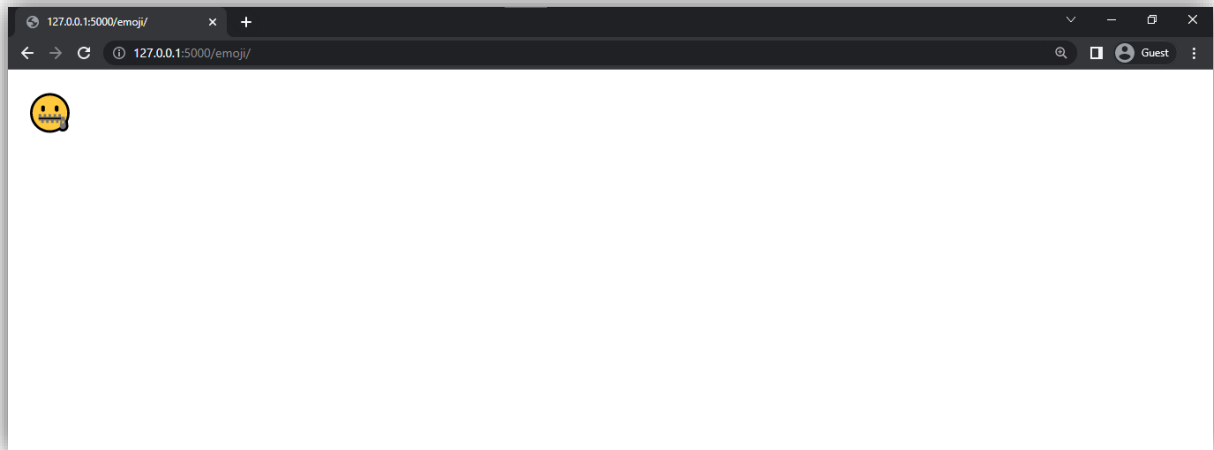
1. from __future__ import print_function
2. import sys
3. from datetime import datetime
4. from flask import Flask, redirect
5. import emoji
6. from urllib.request import urlopen

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(":zipper-mouth_face:")
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 Ashritha', file=sys.stderr)
31      return redirect('/')
32
33
34  if __name__ == "__main__":
35      app.run(debug=True)
```

Output:





Print in console

```
* 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 Ashritha
```