Assignment 1 :

1. Create registration page in html with username, email and phone number and by using POST method display it in next html page.
2. Develop a flask program which should contain atleast 5 packages used from pypi.org.

register - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
<html>
<head>
    <title>Register form</title>
</head>
<body>
<form>
    <table>
        <tr>
           <td>
              Username :
           </td>
           <td>
               <input type="text" placeholder="Username" name="">
           </td>
        </tr>
        <tr>
           <td>
               Email
           </td>
           <td>
               <input type="mail" placeholder="Email" name"">
           </td>
        </tr>
        <tr>
            <td>
               Phone no:
            </td>
            <td>
                <select>
                   <option>976</option>
                   <option>975</option>
                   <option>856</option>
                   <option>845</option>
                </select>
                <input type="phone" placeholder="984808****" name"">
```

Windows (CRLF) | Ln 24, Col 14 | 100%

ENG IN 15:47 29-09-2022

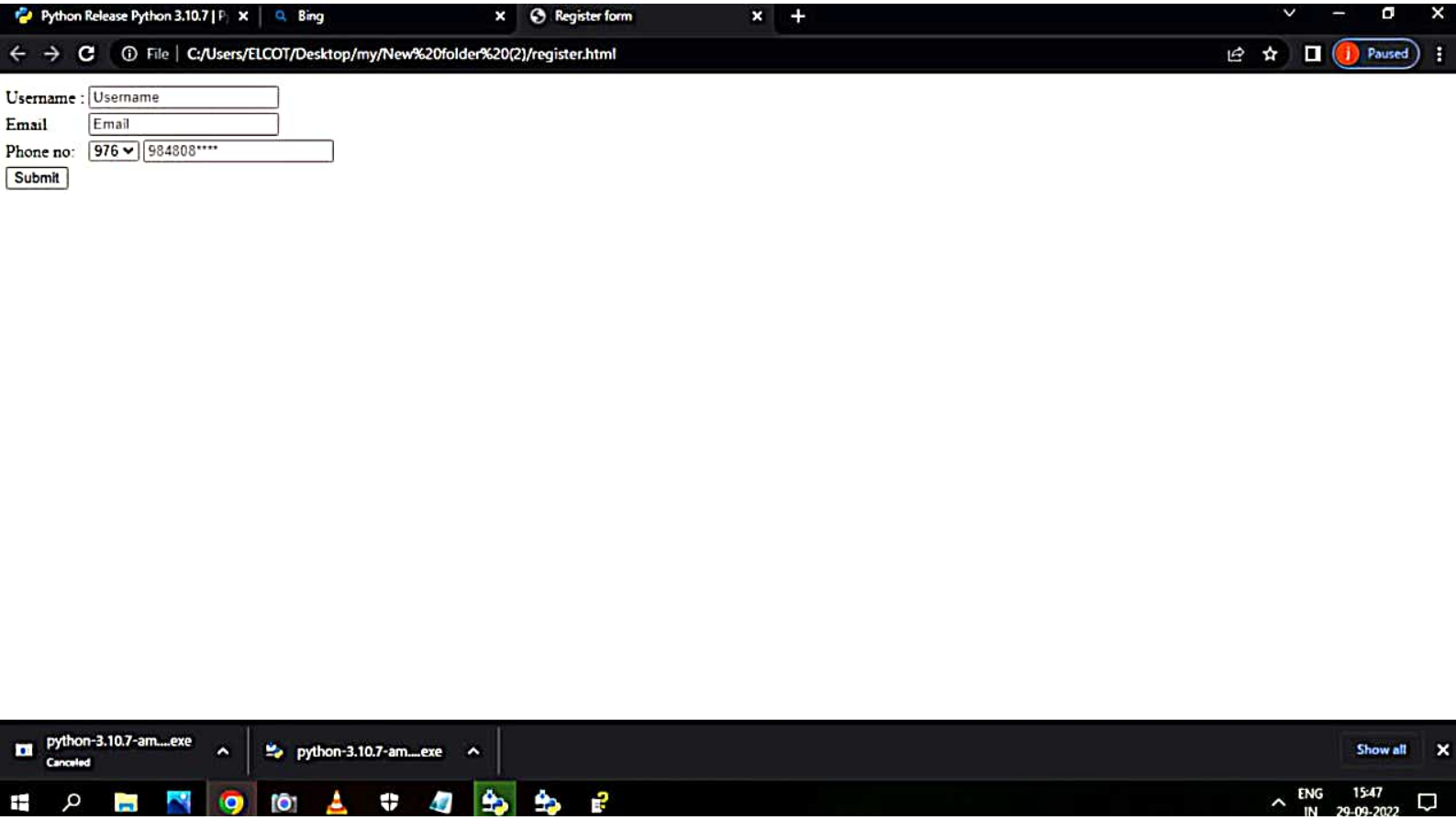
register - Notepad

File Edit Format View Help

```
            <td>
                Email
            </td>
            <td>
                <input type="mail" placeholder="Email" name="">
            </td>
        </tr>
        <tr>
            <td>
                Phone no:
            </td>
            <td>
                <select>
                    <option>976</option>
                    <option>975</option>
                    <option>856</option>
                    <option>845</option>
                </select>
                <input type="phone" placeholder="984808****" name="">
            </td>
        </tr>
        <tr>
            <td>
                <input type="Submit" value="Submit" name="">
            </td>
        </tr>
    <table>
</form>
</body>
</html>
```

Windows (CRLF) Ln 24, Col 14 100%

ENG IN 15:49 29-09-2022


Python Release Python 3.10.7 |
Bing
Register form
File | C:/Users/ELCOT/Desktop/my/New%20folder%20(2)/register.html
Paused
Username :
Username
Email
Email
Phone no:
976
984808****
Submit

python-3.10.7-am....exe
Canceled
python-3.10.7-am....exe
Show all
ENG
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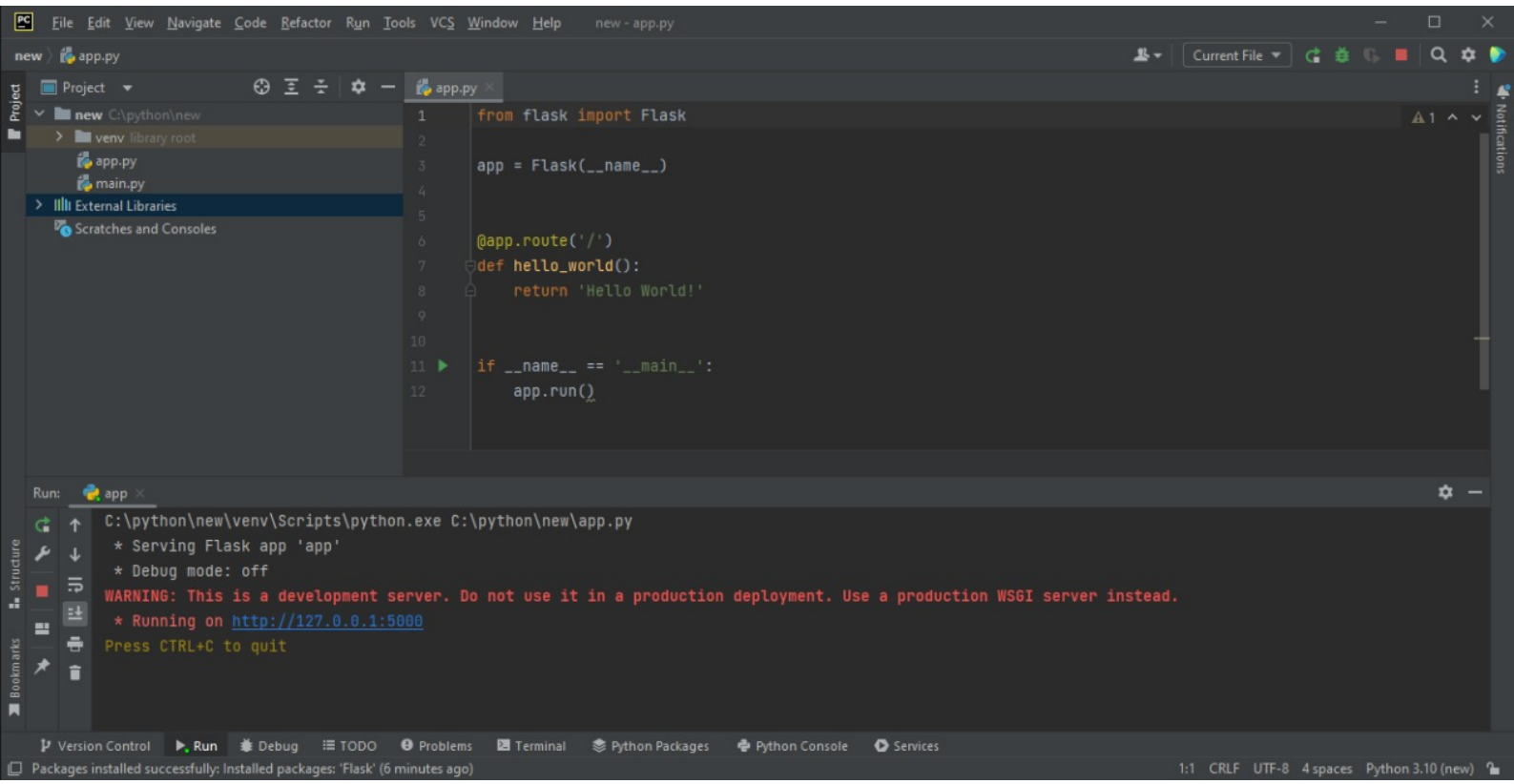
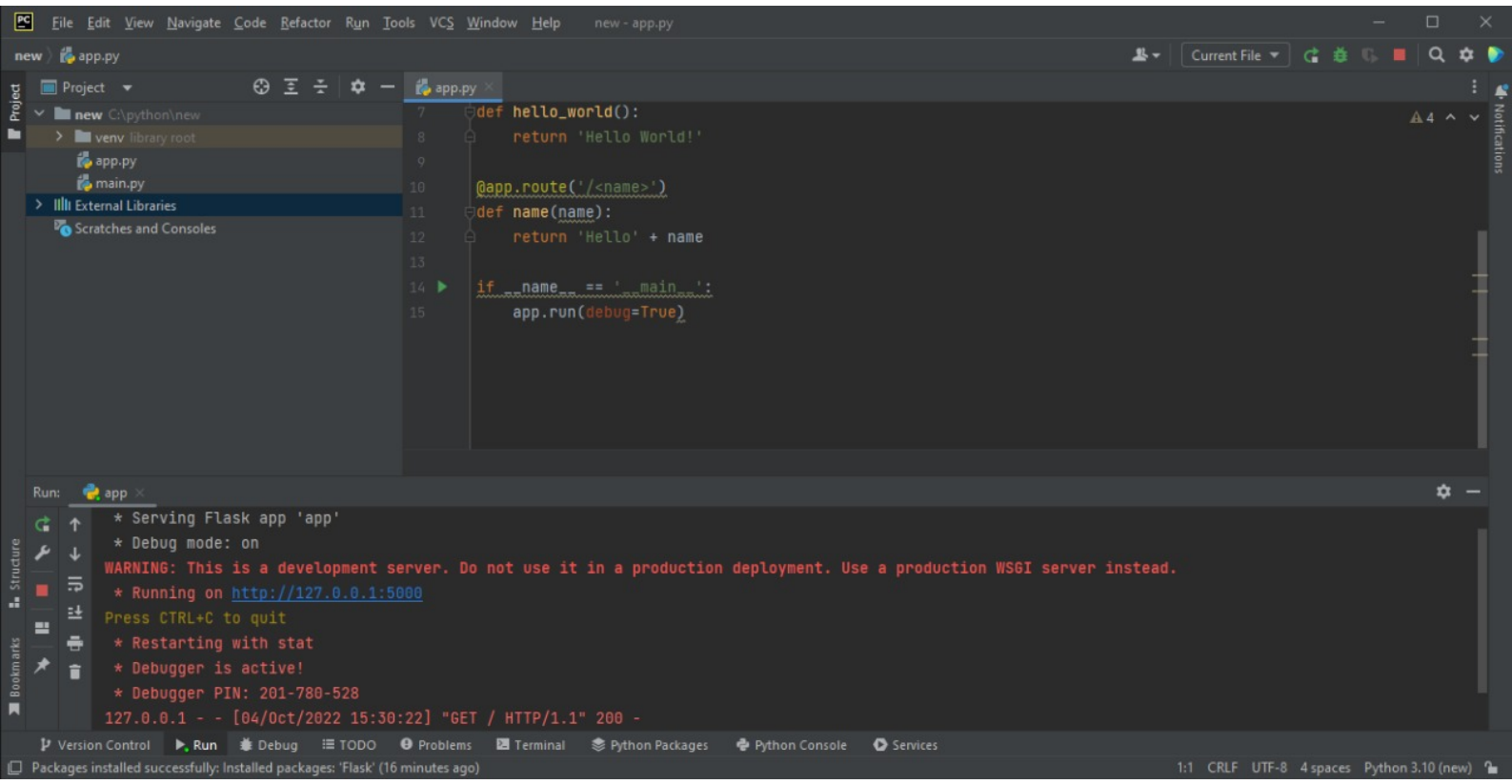
15:47
29-09-2022

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

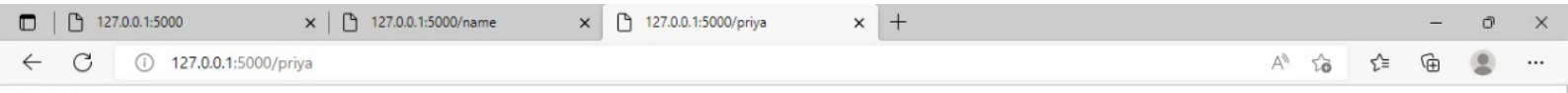

File Edit View Navigate Code Refactor Run Tools VCS Window Help
new - app.py
new app.py
Current File
Project
app.py
new C:\python\new
venv library root
app.py
main.py
External Libraries
Scratches and Consoles
from flask import Flask
app = Flask(__name__)
@app.route('/')
def hello_world():
return 'Hello World!'
if __name__ == '__main__':
app.run()
Run:
app
C:\python\new\venv\Scripts\python.exe C:\python\new\app.py
* Serving Flask app 'app'
* Debug mode: off
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
Version Control
Run
Debug
TODO
Problems
Terminal
Python Packages
Python Console
Services
Packages installed successfully: Installed packages: 'Flask' (6 minutes ago)
1:1 CRLF UTF-8 4 spaces Python 3.10 (new)

127.0.0.1:5000
127.0.0.1:5000
127.0.0.1:5000
127.0.0.1:5000
127.0.0.1:5000

Hello World!


File Edit View Navigate Code Refactor Run Tools VCS Window Help
new - app.py
new
app.py
Current File
Project
new C:\python\new
venv library root
app.py
main.py
External Libraries
Scratches and Consoles
app.py
def hello_world():
return 'Hello World!'
@app.route('/<name>')
def name(name):
return 'Hello' + name
if __name__ == '__main__':
app.run(debug=True)
Run:
app
* Serving Flask app 'app'
* 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: 201-780-528
127.0.0.1 - - [04/Oct/2022 15:30:22] "GET / HTTP/1.1" 200 -
Version Control
Run
Debug
TODO
Problems
Terminal
Python Packages
Python Console
Services
Packages installed successfully: Installed packages: 'Flask' (16 minutes ago)
1:1 CRLF UTF-8 4 spaces Python 3.10 (new)

Helloname

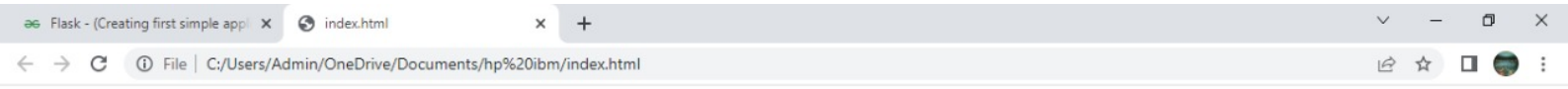

127.0.0.1:5000
127.0.0.1:5000/name
127.0.0.1:5000/priya
127.0.0.1:5000/priya

Hello priya

*index - Notepad

File Edit Format View Help

```
<!DOCTYPE html>
<html>
    <body>
        <h1>
            My first website
        </h1>
    </body>
</html>
```

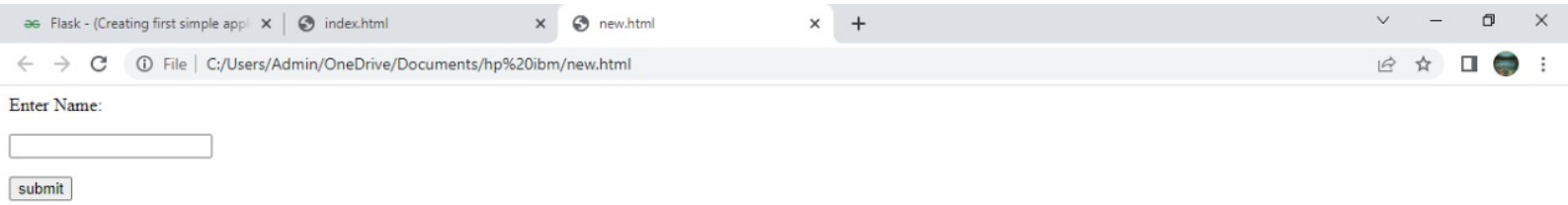


My first website

new - Notepad

File Edit Format View Help

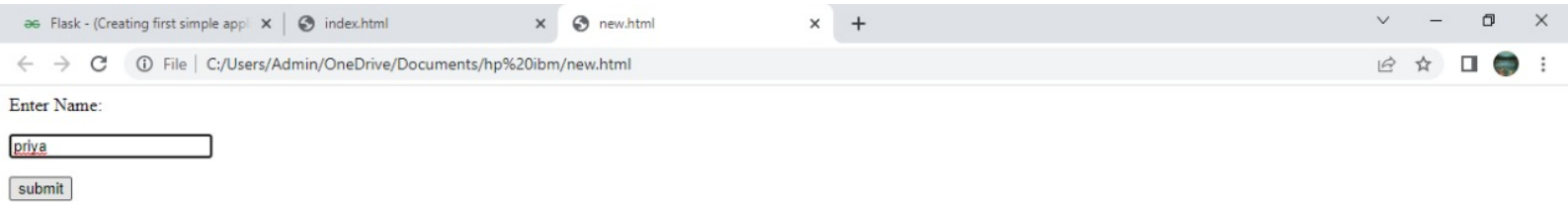
```
<html>
<body>
        <form action = "http://localhost:5000/login" method = "post">

<p>Enter Name:</p>



<p><input type = "text" name = "nm" /></p>



<p><input type = "submit" value = "submit" /></p>

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

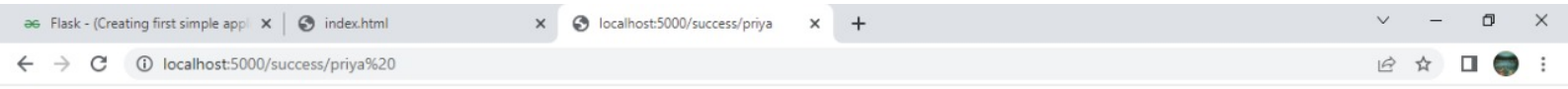

Flask - (Creating first simple app
index.html
new.html
File | C:/Users/Admin/OneDrive/Documents/hp%20ibm/new.html
Enter Name:
submit

login - Notepad

File Edit Format View Help

```
from flask import Flask, redirect, url_for, request
app = Flask(__name__)


@app.route('/success/<name>')
def success(name):
	return 'welcome %s' % name


@app.route('/login', methods=['POST', 'GET'])
def login():
	if request.method == 'POST':
		user = request.form['nm']
		return redirect(url_for('success', name=user))
	else:
		user = request.args.get('nm')
		return redirect(url_for('success', name=user))


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


Flask - (Creating first simple app
index.html
new.html
File | C:/Users/Admin/OneDrive/Documents/hp%20ibm/new.html
Enter Name:
priya
submit



welcome priya