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.

<Html>

<head>

<title>

Registration Page

</title>

</head>

<body bgcolor="Lightskyblue"**>**

**
**

**
**

<form>

<label> Firstname **</label>**

<input type="text" name="firstname" size="15"**/>

**

<label> Middlename: **</label>**

<input type="text" name="middlename" size="15"**/>

**

<label> Lastname: **</label>**

<input type="text" name="lastname" size="15"**/>

**

<label>

Course :

```html
</label>
<select>
<option value="Course">Course</option>
<option value="BCA">BCA</option>
<option value="BBA">BBA</option>
<option value="B.Tech">B.Tech</option>
<option value="MBA">MBA</option>
<option value="MCA">MCA</option>
<option value="M.Tech">M.Tech</option>
</select>

<br>
<br>
<label>
Gender :
</label><br>
<input type="radio" name="male"/> Male <br>
<input type="radio" name="female"/> Female <br>
<input type="radio" name="other"/> Other
<br>
<br>

<label>
Phone :
</label>
```

```html
<input type="text" name="country code"  value="+91" size="2"/>
<input type="text" name="phone" size="10"/> <br> <br>
Address
<br>
<textarea cols="80" rows="5" value="address">
</textarea>
<br> <br>
Email:
<input type="email" id="email" name="email"/> <br>
<br> <br>
Password:
<input type="Password" id="pass" name="pass"> <br>
<br> <br>
Re-type password:
<input type="Password" id="repass" name="repass"> <br> <br>
<input type="button" value="Submit"/>
</form>
</body>
</html>
```

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

APPLICATION CODE:

```python
import os

from flask import Flask, flash, render_template, request
from flask_uploads import IMAGES, UploadSet, configure_uploads


app = Flask(__name__)
photos = UploadSet("photos", IMAGES)
app.config["UPLOADED_PHOTOS_DEST"] = "static/img"
app.config["SECRET_KEY"] = os.urandom(24)
configure_uploads(app, photos)



@app.route("/", methods=['GET', 'POST'])
def upload():
    if request.method == 'POST' and 'photo' in request.files:
        photos.save(request.files['photo'])
        flash("Photo saved successfully.")
        return render_template('upload.html')

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

Upload.html

```html
<!doctype html>
<html lang=<s>en</s>>
<head>
    <meta charset=<s>utf-8</s>>
    <title>Flask-Reuploaded Example</title>
</head>
<body>
    {% with messages = get_flashed_messages() %}
    {% if messages %}
    <ul class=<s>flashes</s>>
    {% for message in messages %}
        <li>{{ message }}</li>
    {% endfor %}
    </ul>
    {% endif %}
    {% endwith %}

<form method=<s>POST</s> enctype=<s>multipart/form-data</s> action=<s>"{{ url_for('upload') }}"</s>>
    <input type=<s>file</s> name=<s>photo</s>>
    <button type=<s>"submit"</s>>Submit</button>
</form>
</body>
</html>
```