

ASSIGNMENT -2

1) Write a flask program which should display Name , Email, phone and it should display the same details once we hit submit.

Register.html

```
<Html>
<head>
<link type="text/css" rel="stylesheet" href="./register.css"/>
<title> Registration Page </title>
</head>
<body>
<h1><b>REGISTER PAGE</b></h1>
<form>
  <label> Name :</label>
<input type="text" name="Name" size="15"/> <br> <br>
<label> Phone : </label>
<input type="text" name="phone" size="10"/> <br> <br>
<label> Email: </label>
<input type="email" id="email" name="email"/> <br>
<br> <br>
<input type="button" class="registerbtn" value="Submit"/>
</form>
</body>
</html>
```

Register.css

```
body{
  font-family: Calibri, Helvetica, sans-serif;
  background-color: pink;
}
.container {
  padding: 50px;
  background-color: lightblue;
}
label
{
  font-size:20px;
}
h1
```

```
{
display:flex;
justify-content:center;
}
input[type=text], input[type=email]{
width: 100%;
padding: 15px;
margin: 5px 0 22px 0;
display: inline-block;
border: none;
background: #f1f1f1;
}
input[type=text]:focus, input[type=password]:focus {
background-color: orange;
width: 50%;
outline: none;
}
div {
padding: 10px 0;
}
hr {
border: 1px solid #f1f1f1;
margin-bottom: 25px;
}
.registerbtn {
background-color: #e44b8d;
color: white;
padding: 16px 10px;
margin: 8px 0;
border: none;
cursor: pointer;
width: 10%;
opacity: 0.9;
}
.registerbtn:hover {
opacity: 1;
}
```

App.py

```
from flask import Flask, render_template, request, url_for, flash, redirect
import os
os.urandom(24).hex()

app = Flask(__name__)

messages = [{ 'Name': 'Message One'},
             { 'Phone': 'Message Two'},
             { 'Email': 'Message Three'}
           ]

@app.route('/')
def index():
    return render_template('index.html', messages=messages)
@app.route('/create/', methods=('GET', 'POST'))
def create():
    if request.method == 'POST':
        Name = request.form['Name']
        Phone = request.form['content']
        Email = request.form['content']

        if not Name:
            flash('Name is required!')
        elif not Phone:
            flash('Phone is required!')
        elif not Email:
            flash('Email is required!')
        else:
            messages.append({ 'Name': title, 'content': content})
            return redirect(url_for('register'))

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

OUTPUT

REGISTER PAGE

Name :

Phone :

Email:

Submit

2) Write a flask program which should cover cookies, sessions

Cookie.py

```
from flask import *
app = Flask(__name__)

@app.route('/cookie')
def cookie():
    res = make_response("<h1>cookie is set</h1>")
    res.set_cookie('foo','bar')
    return res

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

Session.py

```
from flask import *
app = Flask(__name__)
app.secret_key = "abc"

@app.route('/')
def home():
    res = make_response("<h4>session variable is set, <a href='/get'>Get Variable</a></h4>")
```

```
session['response']='session#1'  
return res;
```

```
@app.route('/get')  
def getVariable():  
    if 'response' in session:  
        s = session['response'];  
        return render_template('getsession.html',name = s)
```

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

3) Write a flask program which should display resume details and also have an upload resume option by using file uploading.

Resume.html

```
<html>  
<head>  
<link type="text/css" rel="stylesheet" href="./resume.css"/>  
<title></title>  
</head>  
<body>  
<div id="header">  
<p id="name">ABC</p>  
    <a href="mailto:example@gmail.com" target="_blank"><p  
id="email">example@gmail.com</p></a>  
    </div>  
    <div class="left">  
</div>  
    <div class="right">  
        <h3>CV Highlights</h3>  
        <p>  
        <ul>  
            <li>Currently going through CS253 – Web Application Engineering and CS61A –  
Structure & Interpretation of Computer Programs</li>  
            <li>Learnt basic Python, JavaScript, HTML, CSS</li>  
            <li>An independent, dedicated, efficient person. These attributes are proved through  
the series of courses I have taken or I am taking as of now independently through online  
platforms.</li>  
            <li>Good Communication Skills, Presentation Skills, attitude towards leadership,  
authorisation and delegation, conflict resolution and negotiation and a very good team  
worker.</li></ul>  
        </p>
```

Professional Experience

Wingify Software Pvt Ltd

Support Engineer (Technical Support)

Job Responsibilities

- Answer customer queries over email / ticketing system

- Interact with our engineering team to get software issues and bugs resolved

- Occasionally interact with customers over Skype or telephone

- Contribute ideas to the team on how customers can be delighted

Educational Qualifications

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||
||

Qualification

Board

Percentage / Grades

Year

||
||
||

||
||
||

S.S.C

G.S.E.B India

75.57%

2004

||
||
||

||
||
||

H.S.C (Science Stream)

G.S.E.B India

72.40%

2006

||
||
||

||
||
||

GDCA (Grad. Dipl in Computer Applications)
--

NIE (National Institute Of Engineering), Mumbai, India
--

A Grade

2008

||
||
||

||
||
||

B.Sc. (Hons) - Applied Accounting

Oxford Brookes University

2:1 – Upper Second Class Honours

2012

||
||
||

Chartered Accounting - ACCA
ACCA Glasgow, UK
Passed (1st Attempt)
2013

Independent Courses

- HTML & CSS for Beginners – Web Fundamentals –
- Python – Fundamentals and Dynamic Programming
- JavaScript – Programming Basics, JS Apps and Build Games
- CS101: Introduction to Computer Science - Building a Web Crawler - Udacity.com
- CS50x – Introduction to Computer Science I – edX.org & Harvard University
- Calculus One - Ohio State University & Coursera.org
- Introduction to Finance - Coursera.org & University of Michigan

Technical Skills

- Operating Systems: DOS, Windows 98, Windows 2000, Windows XP, Windows NT, Windows Server 2003, Windows Vista, Windows 7, Macintosh Computers (OS X), Linux (Ubuntu, Fedora)
- Application Software: Office 97-2003; Office XP, Office 2007, Office for Mac 2011, iWork '09, Sage Accounting Software, Sage 50 (Accounting Software), Excel 2003/2007 for Financial Modelling spreadsheets.

Programming Skills:HTML, CSS, Python, JavaScript, learning C and C++
</p>
<h3>Certifications / Awards:</h3>
<p>

Scored highest in ACCA P1 – Governance, Risk & Ethics exam – June 2012 session amongst full time international students at Kaplan Financial, London.
Interviewed by ACCA for “international ACCA student in UK”, interview published in January 2012 edition of ACCA Student Accountant Magazine.
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</p>
<h3>Personal Information:</h3>
<p>

A young, determined hard and smart working person. I believe in task based roles and complete ownership of work.

Languages Known:English, Hindi, Gujarati and Sindhi

Hobbies:I love reading Finance and IT related books / magazines, playing Chess, swimming, listening music, surfing Internet, self-learning through e-courses.
</p>
<h3>Other Information</h3>
<p>

Expected Salary:As per company standards

Area of Interest:Software Development, Programming, Start-ups, Coding, App Development, Technical Support, Support Engineer, Customer Happiness, Client service, Investment Banking, Corporate Finance, Hedge Funds, Mergers & Acquisitions, Analyst, Equity Research, Business Analysis

Joining Date:Immediate
</p>
<h3>Declaration</h3>
<p>

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.</p>

```
</div>
<div id="footer"></div>
</body>
</html>
```

Upload.html

```
<html>
<body>
  <form action = "http://localhost:5000/uploader" method = "POST"
    enctype = "multipart/form-data">
    <input type = "file" name = "file" />
    <input type = "submit"/>
  </form>
</body>
</html>
```

Resume.css

```
div
{
  border-radius: 5px;
}
#header
{
  position: fixed;
  z-index: 1;
  height:40px;
  width: 98%;
  background-color: #668284;
  margin-bottom: 10px
}

#name {
  float:left;
  margin-left: 20px;
  padding-bottom: 10px;
  font-size: 16px;
  font-family: Verdana, sans-serif;
  color: #ffffff;
}
```

```
#email{
    float:right;
    margin-right: 20px;
    padding-bottom: 10px;
    font-size: 16px;
    font-family: Verdana, sans-serif;
    color: #ffffff;
}
```

```
#contact
{
    margin-left:45%;
    padding-bottom: 10px;
    font-size: 16px;
    font-family: Verdana, sans-serif;
    color: #ffffff;
}
```

```
a:hover {
    font-weight: bold;
}
```

```
.right
{
    float: left;
    margin-top: 50px;
    padding-left:5px;
    /*margin-right: -10px;
    margin-left: 14%;*/
    height: auto;
    width: 99%;
    background-color: #E3EDD8;
}
```

```
/* .left
{
    float: left;
    margin-top: 50px;
    /*margin-right: -90px;
    height: relative;
    width: 10%;
    background-color: #4160E8;
```

```
*/
```

```
#footer
```

```
{  
  height:40px;  
  clear:both;  
  position: relative;  
  background-color: #C1E3E1;  
}
```

```
h3
```

```
{  
  text-decoration: underline;  
}
```

```
#job-responsibilities
```

```
{  
  padding: 1px;  
}
```

```
.job-title
```

```
{  
  font-weight: bold;  
}
```

```
table
```

```
{  
  border: 1px dashed black;  
}
```

```
td
```

```
{  
  padding: 2px;  
  border: 1px solid #E88741;  
}
```

```
#course-name
```

```
{  
  font-weight:bold;  
}
```

```
#company-name
```

```
{  
  height:2px;  
  text-decoration:underline;  
}
```

```
#job-title
{
    height: 5px;
}
.job-duration
{
    float:right;
}
#heading
{
    font-weight:bold;
}
```

Flask.py

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

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

@app.route('/uploader', methods = ['GET', 'POST'])
def upload_file():
    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

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- An independent, dedicated, efficient person. These attributes are proved through the series of courses I have taken or I am taking as of now independently through online platforms.
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