

Assignment -1
Python Programming

Assignment Date	29 September 2022
Student Name	Nagamalai V
Student Roll Number	713319CS086
Maximum Marks	2 Marks

Question-1:

1.Create registration page in html with username, email and phone number and by using POST method display it in next html page. **Question-2:**

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

Note:- Following application contains (Flask ,render_template,url_for,redirect,request) So

both Questions have same Answers

Source Code:

App.py

```
from flask import Flask ,render_template ,request ,url_for
,redirect

app =Flask(__name__ ,static_url_path='/static')

@app.route("/")
def Index():
    return render_template("Index.html")

@app.route("/add")
def add():
    return render_template("add.html")

@app.route("/config",methods=['POST','GET'])
def register():
    if request.method=='POST':
```

```

        n=request.form.get('first_name')
        n1=request.form.get('last_name')
        r=request.form.get('company_name')
        c=request.form.get('Email')
        s=request.form.get('subject')
        return render_template('confirm.html',
                               first_name=n,last_name=n1,rollno=c,Email=r,subject=s)

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

```

index.html

```

<!DOCTYPE html>
<html>
<head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <title></title>
    <link rel="/static/css/myFile.css">
    <link rel="stylesheet" type="text/css" href="{{
url_for('static',filename='css/style.css')}}">

</head>
<body>
    <div class = "regform"><h1>Registration For Customer Care
Registry</h1></div>
    <div class="main">
        <form action="config" method="post">
            <div id="name">
                <h2 class="name">Name</h2>
                <input class="firstname" type="text" name="first_name"><br>
                <label class="Firstlabel">first name</label>
                <input class="lastname" type="text" name="last_name">
                <label class="lastlabel">last name</label>

```

```

        </div>

        <h2 class="name">Roll No</h2>
        <input class="company" type="text" name="company_name">
        <h2 class="name">Email</h2>
        <input class="email" type="text" name="Email">
        <h2 class="name">Phone</h2>
        <input class="code" type="number" name="area_code">
        <label class="areacode">Area code</label>
        <input class="number" type="text" name="phone">
        <label class="phone">phone number</label>

        <h2 class="name">Department</h2>
        <select class="option" name="subject">
            <option disabled="disabled" selected="select">--choose
option--</option>
            <option>Computer Science And Engineering</option>
            <option>Information Technology</option>
        </select>

        <h2 id="student"> Are you beginner ?</h2>

        <label class="radio">
            <input class="radio_one" type="radio" checked="checked"
name="">
            <span class="checkmark"></span>
            Yes
        </label>

        <label class="radio">
            <input class="radio_two" type="radio" name="">
            <span class="checkmark"></span>
            No
        </label>

        <button type="submit">Register</button>

    </form>

</div>

</body>
</html>

```

<!

Style.css

```
*{
    margin :0;
    padding :0;
}
body{
    background-
image:url('https://media.istockphoto.co
m/photos/shot-of-a-businessman-using-a-
computer-while-working-in-a-call-
center-picture-
id1331493599?b=1&k=20&m=1331493599&s=17
0667a&w=0&h=IHNyiSNrCtfcVyLAOTT2Nc8HFTd
KEs8N5ZgV0Uoob5M=' );
    background-
position:center;
    background-size:cover;
    font-family:sans-serif;
    margin-top: 40px;
}
.regform{
    width:800px;
    background-color:rgb(0,
0,0,0.6);
    margin:auto ;
    color: #FFFFFFF;
    padding: 10px 0px 10px 0px;
    text-align: center;
    border-radius: 15px 15px 0px
0px;
}
.main{
    background-color:rgb(0,
0,0,0.5);
    width:800px;
    margin:auto ;
}
form{
    padding: 10px;
}
```

```
#name{
    width: 100%;
    height: 100px;
}
.name{
    margin-left: 25px;
    margin-top: 30px;
    width: 125px;
    color: white;
    font-size: 18px;
    font-weight:700;
}
.firstname{
    position: relative;
    left: 200px;
    top: -37px;
    line-height: 40px;
    border-radius: 6px;
    padding:0 22px;
    font-size: 16px;
}
.lastname{
    position: relative;
    left: 417px;
    top: -80px;
    line-height: 40px;
    border-radius: 6px;
    padding: 0 22px;
    font-size: 16px;
    color: :#555;
}
.Firstlabel{
    position: relative;
    color: #E5E5E5;
    text-transform: capitalize;
    font-size: 14px;
    left: 203px;
    top: -49px;
}
.lastlabel{
```

```
position: relative;
color: #E5E5E5;
text-transform: capitalize;
font-size: 14px;
left: 175px;
top: -49px;
}
.company{
  position: relative;
  left: 200px;
  top: -37px;
  line-height: 40px;
  width: 480px;
  border-radius: 6px;
  padding: 0 22px;
  font-size: 16px;
  color: #555;
}
.email{
  position: relative;
  left: 200px;
  top: -37px;
  line-height: 40px;
  width: 480px;
  border-radius: 6px;
  padding: 0 22px;
  font-size: 16px;
  color: #555;
}
.code{
  position: relative;
  left: 200px;
  top: -37px;
  line-height: 40px;
  width: 95px;
  border-radius: 6px;
  padding: 0 22px;
  font-size: 16px;
  color: #555;
}
```

```
.number{
  position: relative;
  left: 200px;
  top: -37px;
  line-height: 40px;
  width: 250px;
  border-radius: 6px;
  padding: 0 22px;
  font-size: 16px;
  color: #555;
}

.areacode{
  position: relative;
  color: #E5E5E5;
  text-transform: capitalize;
  font-size: 16px;
  left: 55px;
  top: -4px;
}

.phone{
  position: relative;
  color: #E5E5E5;
  text-transform: capitalize;
  font-size: 16px;
  left: -95px;
  top: -4px;
}

.option{
  position: relative;
  left: 200px;
  top: -37px;
  line-height: 40px;
  width: 532px;
  height: 40px;
  border-radius: 6px;
  padding: 0 22px;
  font-size: 16px;
  color: #555;
  outline: none;
  overflow: hidden;
```

```
}
.option option{
    font-size: 20px;
}
#student{
    margin-left: 25px;
    color: white;
    font-size: 18px;
}
.radio{
    display:inline-block;
    padding-right: 70px;
    font-size: 25px;
    margin-left: 25px;
    margin-top: 15px;
    color:white;
}
.radio input{
    width:20px;
    height: 20px;
    border-radius: 50%;
    cursor: pointer;
    outline: none;
}
button{
    background-color: #3BAF9F;
    display: block;
    margin: 20px 0px 0px 20px;
    text-align: center;
    border-radius: 12px;
    border: 2px solid #366473;
    padding: 14px 110px;
    outline: none;
    color: white;
    cursor: pointer;
    transition: 0.25px;
}
button:hover{
    background-color:#5390f5;
}
```


Output:-

Index Page:-

The screenshot shows a web browser window displaying a registration form titled "Registration For Customer Care Registry". The form is set against a dark blue background with a bokeh effect and a faint image of hands holding a glowing user icon. The form fields are as follows:

- Name:** Two input fields for "First Name" (containing "Nagamalai") and "Last Name" (containing "V").
- Roll No:** A single input field containing "713319CS086".
- Email:** A single input field containing "nagamalairajkumar@gmail.com".
- Phone:** Two input fields for "Area Code" (containing "91") and "Phone Number" (containing "6421783598").
- Department:** A dropdown menu currently showing "Computer Science And Engineering".
- Are you beginner ?** Two radio buttons labeled "Yes" and "No", both of which are unselected.
- Register:** A green button at the bottom of the form.

The browser's address bar shows a local file path: `C:/Users/Naveenkumar/Desktop/IBM%20Assignment/Index.html?first_name=naveenkumar&last_name=velu&company_name=713319CS091&Email=v.naveenkumar635171%40gmail.c...`. The Windows taskbar at the bottom shows the system clock as 14:40 on 27-10-2022.

Login successful page

The screenshot shows a web browser window displaying a "Registration Success" confirmation page. The browser's address bar shows the URL `127.0.0.1:5000/config`. The page content is as follows:

Registration Success

First_Name: Nagamalai
Last_Name: V
rollno : 713319CS083
Email : naga123@gmail.com
Department : Computer Science And Engineering

At the bottom of the browser window, a notification bar from Google Meet states: "meet.google.com is sharing your screen." with buttons for "Stop sharing" and "Hide". The Windows taskbar at the bottom shows the system clock as 19:33 on 28-10-2022.

