**Assignment -1**

Python Programming

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| Assignment Date | 26 October 2022 |
| Student Name | Elammukelan K |
| Student Roll Number | 713319EC027 |
| 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**

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| *from* tkinter.tix *import* Form *from* flask *import* Flask ,render\_template,url\_for,redirect,request  app = Flask(\_\_name\_\_)  @*app*.*route*('/') def *index*():  *return* render\_template("index.html") @*app*.*route*('/success/<name>/<phone>/<email>') def *success*(name=None,phone=None,email=None): *return* " <h1>Registered Successfully</h1><h2>Your Details Are:-</h2> {}  <br>{} <br> {} ".format(name , phone ,email)  # *'{} {} {}'.format(firstname, lastname, cellphone)*  @*app*.*route*("/login",methods =['POST','GET']) def *login*(): *if* request.method == 'POST':    user = request.form['name'] email = request.form['email'] phone = request.form['phone'] *return* redirect(url\_for("success", name = user ,phone = phone ,email = email )) |
| *else*:  user = request.args.get("input\_name")  *return* redirect(url\_for("success",name=user))    *if* \_\_name\_\_ == '\_\_main\_\_': app.run(debug=True) |

**index.html**

<!DOCTYPE *html*>

<html *lang*="en">

<head>

<meta *charset*="UTF-8">

<meta *http-equiv*="X-UA-Compatible" *content*="IE=edge">

<meta *name*="viewport" *content*="width=device-width, initial-scale=1.0">

<link *rel*="stylesheet" *href*="/static/style.css">

<link *rel*="stylesheet" *href*="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0/dist/css/bootstrap.min.css" *integrity*="sha384gH2yIJqKdNHPEq0n4Mqa/HGKIhSkIHeL5AyhkYV8i59U5AR6csBvApHHNl/vI1Bx" *crossorigin*="anonymous">

<title>Registration page </title>

</head>

<body>

<form *method*="post" *action*="login">

<h1>REGISTRATION PAGE</h1>

<div *class*="mb-3">

<label *for*="name" *class*="form-label">Enter the name</label> <input *type*="text" *class*="form-control" *id*="name " *name*="name" *placeholder*="NAME">

</div>

<div *class*="mb-3">

<label *for*="exampleInputEmail1" *class*="form-label">Email address</label>

<input *type*="email" *class*="form-control" *name*="email" *id*="exampleInputEmail1" *placeholder*="EMAIL">

</div>

<div *class*="mb-3">

<label *for*="phone" *class*="form-label">Enter the phone number</label>

<input *type*="text" *class*="form-control" *name*="phone" *id*="phone" *placeholder*="PHONE NUMEBER">

</div>

<button *type*="submit" *class*="btn btn-primary">Submit</button>

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| </form>    </body>  </html> |

**Style.css**

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| body{ background-color: aqua !important; display: flex; flex-direction: column; align-items: center; justify-content: center;  } form{ display: flex; flex-direction: column; align-items: center; justify-content: center; background-color:#fff; width: 40%; height: 400px; border-radius: 50px; margin: 100px;  } h2{ font-size: large; font-weight:bolder;  } input{  width: 80% !important;  } div{ display: flex; align-items: center; justify-content: center; flex-direction: column; width: 90%;  } |

**Output:-**

**Index Page:-**



**Login successful page**

