**Assignment -1**

Python Programming

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| Assignment Date | 19 September 2022 |
| Student Name | Anand Michael M |
| Student Roll Number | 962319104017 |
| 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.

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

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| **Solution:** |
| Style.css:  \*{  margin: 0;  padding: 0;  }  body{  background-color: #40c995;  width: 50%;  margin: 150px auto;  font-family: 'Michroma';  }  .form-div{  width: 75%;  margin: 15px auto;  background-color:#ffc3c3;  border-radius: 10px;  }  form{  width: 60%;  margin-top: 10px;  padding-bottom: 20px;  margin-left: auto;  margin-right: auto;  }  h3{  padding: 10px 0;  text-align: center;  font-size: 25px;  }  label{  font-size: 15px;  }  form input{  width: 100%;  height: 30px;  margin-bottom: 10px;  text-indent: 10px;  font-size: 16px;  }  /\* for hiding the arrows\*/  input::-webkit-outer-spin-button,  input::-webkit-inner-spin-button {  -webkit-appearance: none;  margin: 0;  }  .enter{  width: 100%;  background-color: #212121;  padding: 8px 15px;  font-size: 17px;  color: white;  border-style: solid;  margin-top: 15px;  border-radius: 8px;  cursor: pointer;  }  .enter:hover{  border-style: solid;  border-radius: 8px;  background-color:white ;  color: #212121;  }  .inner{  padding: 30px;  }  table{  width: 80%;  padding: 100px;  margin: auto;  border-collapse: collapse;  }  td, th{  height: 40px;  border: 1px solid black;  }  th{  background-color: #212121;  color: white;  }  td{  padding-left: 10px;  }  th{  width: 100%;  }  tr:nth-child(even) {  background-color: #dddddd;  }  Base.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">  <title>{% block title %}{% endblock %}</title>  <style>  @import url('https://fonts.googleapis.com/css2?family=Michroma&display=swap');  </style>  <link rel="stylesheet" href="{{ url\_for('static', filename='style.css') }}">  </head>  <body>  {% block main %}  {% endblock %}  </body>  </html>  Display.html:  {% extends 'base.html' %}  {% block title %}  Your Details  {% endblock %}  {% block main %}  <div class="form-div">  <div class="inner">  <table>  <th colspan="2">  Your Details  </th>  <tr>  <td>Name</td>  <td><strong>{{ name }}</strong></td>  </tr>  <tr>  <td>Email</td>  <td><strong>{{ email }}</strong></td>  </tr>  <tr>  <td>Phone Number</td>  <td><strong>{{ phone }}</strong></td>  </tr>  </table>  </div>  </div>  {% endblock %}  Index.html: |
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| {% extends 'base.html' %}  {% block title %}  Home  {% endblock %}  {% block main %}  <div class="form-div">  <h3>Enter your details</h3>  <div>  <form action="" method="post">  <label>Name</label> <br>  <input type="text" placeholder="Enter your Name" name="name"/> <br>  <label>Email</label> <br>  <input type="text" placeholder="Enter your email" name="email"/> <br>  <label>Phone Number</label> <br>  <input type="number" placeholder="Enter your phone number" name="phone"/> <br>  <button class="enter">Enter</button>  </form>  </div>  </div>  {% endblock %}  \_init\_.py:  from flask import Flask # Flask object  from .views import blue # blue print  def create\_app():  app = Flask(\_\_name\_\_)  # registering the blueprint with the app  app.register\_blueprint(blue, url\_prefix='/')  return app  Views.py:  from flask import Blueprint, request  from flask import render\_template # for rendering the html templates  blue = Blueprint("print", "\_\_name\_\_")  @blue.route('/', methods=('GET', 'POST'))  def home():  if request.method == 'POST':  # getting the data entered by the user from the request  name = request.form.get('name')  email = request.form.get('email')  phone = request.form.get('phone')  return render\_template('display.html',  name = name, email = email, phone = phone  )    return render\_template('index.html')  Output: |  |



