**Assignment -1**

Python Programming

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| Assignment Date | 12 October 2022 |
| Student Name | **BHARATHI H V** |
| Student Roll Number | **962319104033** |
| Maximum Marks | 2 Marks |

**Question-1:**

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| --- | --- |
| Create registration page in html with username, email, and phone number and by | |
| using POST method display it in next html page. |  |

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

**Solution:**

**Style.css:**

\*{ margin: 0; padding: 0;

}

body{

background-color: ##1bbdee;

width: 50%; margin: 150px auto; font-family: 'Michroma';

}

.form-div{ width: 75%; margin: 15px auto; background-color:#white; 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, initialscale=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:

**{% 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:**



