

Assignment -1
Python Programming

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| Assignment Date | 12 October 2022 |
| Student Name | AJITH KANNA T |
| Student Roll Number | 962319104010 |
| 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.

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,
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 ==
```

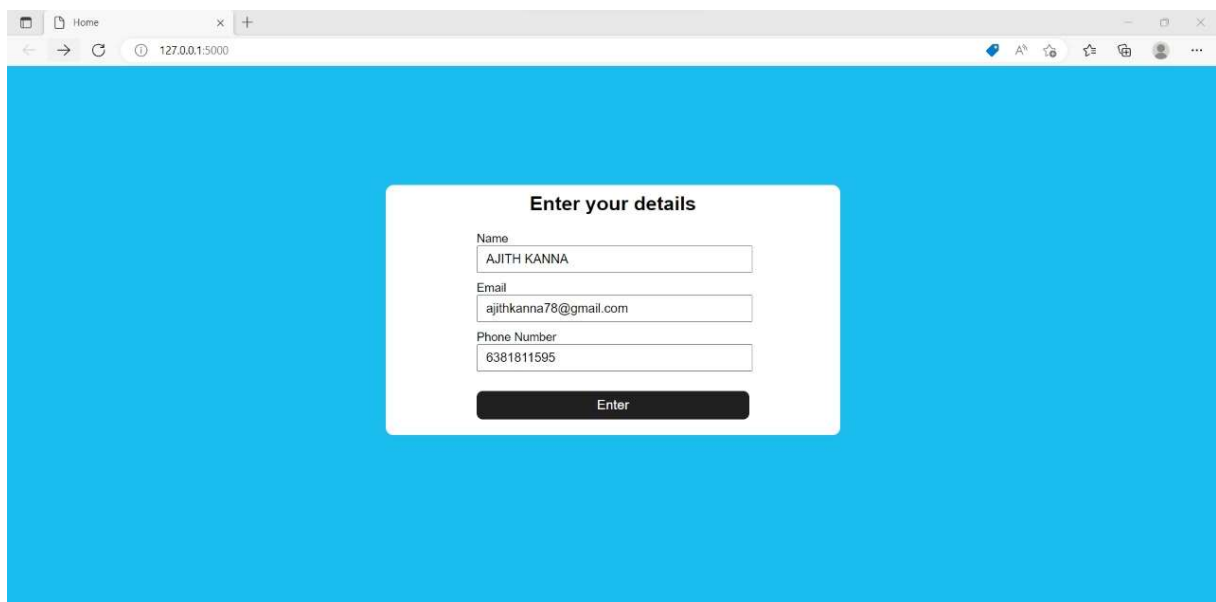
```
'POST':
```

```
    # getting the data entered by the user from the request
```

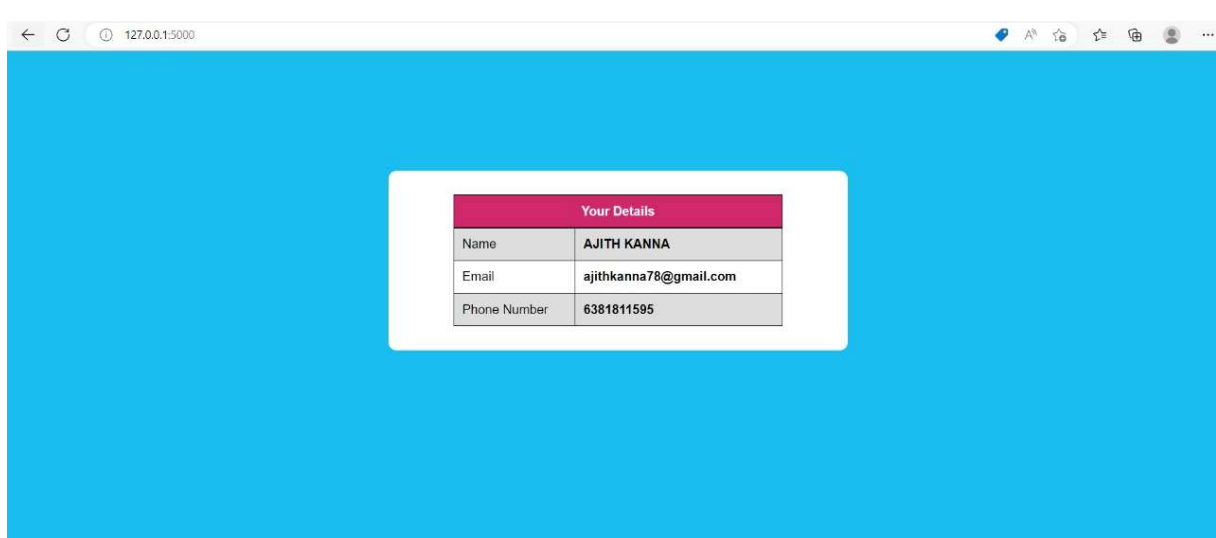
```
    name = request.form.get('name')    email =
```

```
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:



The first screenshot shows a web browser window with a blue background. In the center, there is a white box titled "Enter your details". Inside this box, there are three input fields: "Name" with the value "AJITH KANNA", "Email" with the value "ajithkanna78@gmail.com", and "Phone Number" with the value "6381811595". Below these fields is a black button labeled "Enter".



The second screenshot shows the same web browser window after the form is submitted. The "Enter" button is no longer visible. Instead, there is a white box containing a table titled "Your Details". The table has three rows and two columns. The first row is a header with a pink background and the text "Your Details". The subsequent rows show the entered details: Name (AJITH KANNA), Email (ajithkanna78@gmail.com), and Phone Number (6381811595).

| Your Details | |
|--------------|------------------------|
| Name | AJITH KANNA |
| Email | ajithkanna78@gmail.com |
| Phone Number | 6381811595 |