

**Assignment -1**  
Python Programming

Assignment Date	19 September 2022
Student Name	Deepikala V
Student Roll Number	621319104011
Maximum Marks	2 Marks

**Question-1:**

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

**Home.html**

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport"
content="width=device-
width, initial-scale=1">
  <title>Registration
page</title>

  <style type="text/css">
    body{
      background-color:
rgb(95, 179, 235);
    }
    table{
      font-size: 24px;
      border-collapse:
separate;
      border-spacing: 12px;
    }
    table input{
      border: none;
      width: 230px;
      height: 25px;
      border-radius:3px;
      font-size: 20px;
    }
  </style>
</head>
<body>
  <center>
  <br><br>
```

```
<h1>Registration</h1><br>
<form action="{{
url_for('output') }}"
method="post">
<table>
<tr>
<td>
<label>Name</label>
</td>
<td>
<input type="text"
class="name-input name
mb-3" id="name"
name="name">
</td>
</tr>
<tr>
<td>
<label>Email</label>
</td>
<td>
<input type="email"
class="name-input name
mb-3" id="email"
name="email">
</td>
</tr>
<tr>
<td>
<label>Mobile</label>
</td>
<td>
<input
type="number"
class="name-input name
mb-3" id="mobile"
name="mobile">
</td>
</tr>
</table><br><br>
<input class="btn btn-
outline-primary"
type="submit"
value="Submit">
</form>
</center>
```

```
</body>
</html>
```

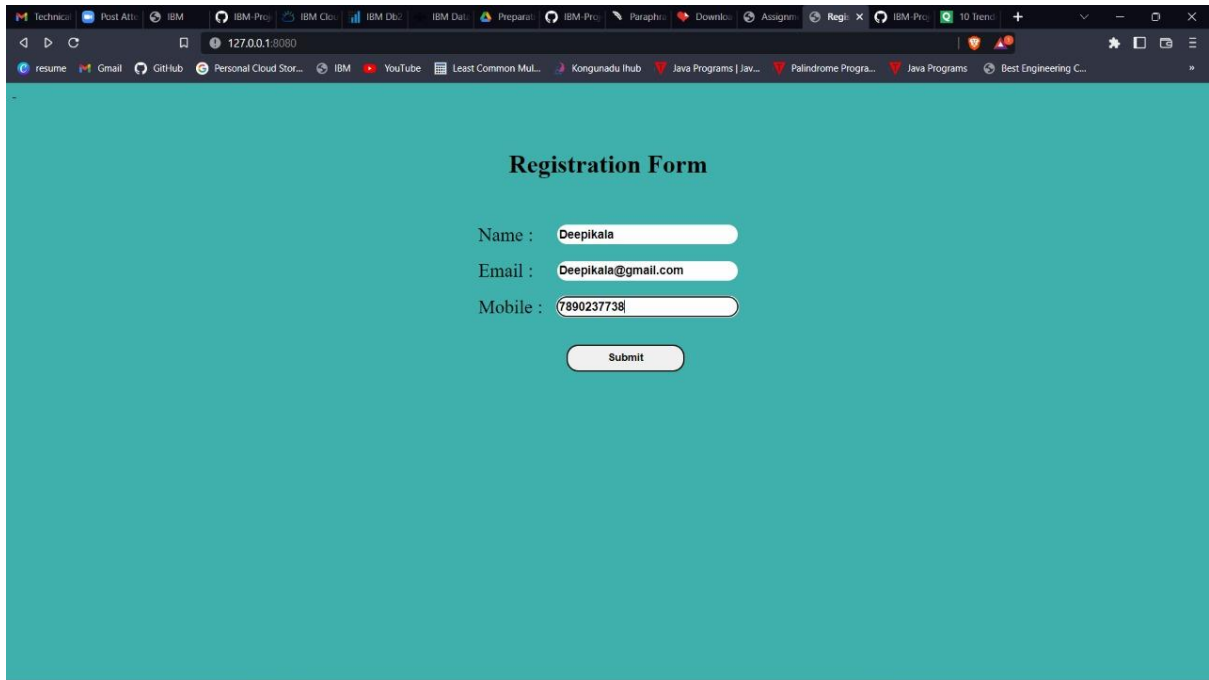
### Output.html

```
<!DOCTYPE html>
<html>
<head>
  <meta charset="utf-8">
  <meta name="viewport"
content="width=device-
width, initial-scale=1">
  <title>UI Profile</title>

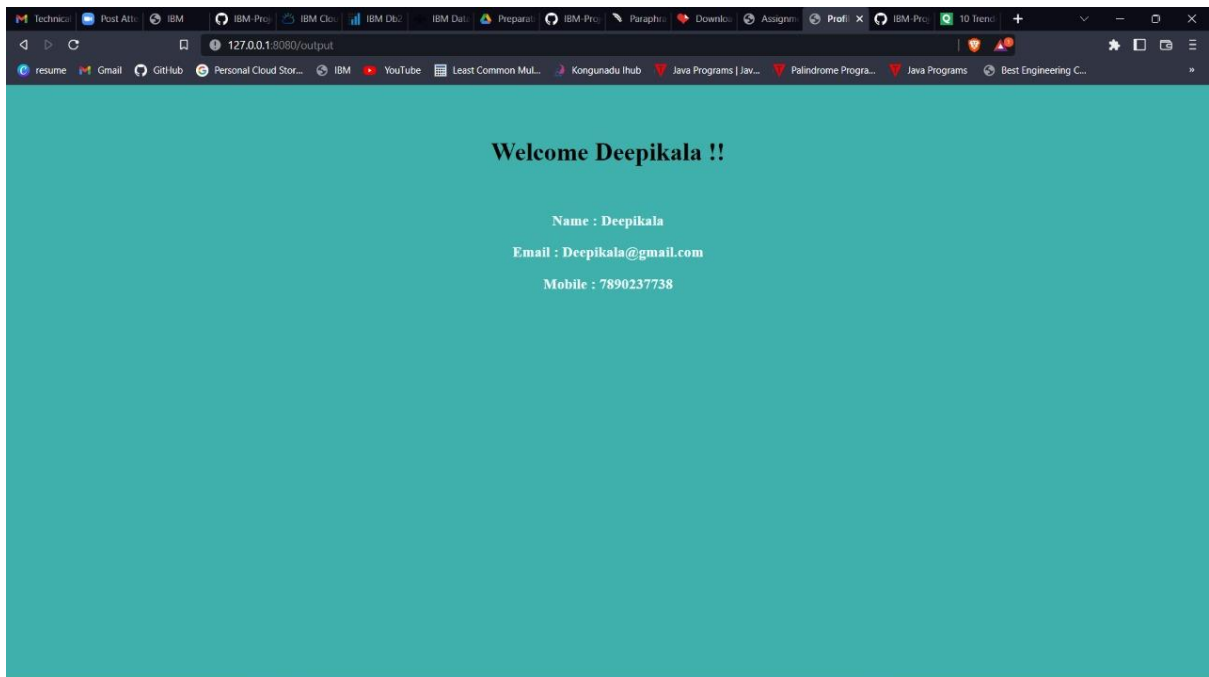
  <style type="text/css">
    body{
      background-color:
rgb(0, 101, 252);
    }
    table{
      font-size: 24px;
      border-collapse:
separate;
      border-spacing: 12px;
    }
  </style>
</head>
<body>
  <center>
    <br><br>
<h1>Welcome!!!</h1><br>
    <form action="{{
url_for('result') }}"
method="post">
      <table>
        <tr>
          <h3>Name : {{ name
}}<br></h3>
        </tr>
        <tr>
          <h3>Email : {{ email
}}<br></h3>
        </tr>
        <tr>
          <h3>Mobile : {{ mobile
}}<br></h3>
```

```
</tr>
</table><br><br>
</form>
</center>
</body>
</html>
```

## Output:



The screenshot shows a web browser window with a teal background. The address bar displays the URL `127.0.0.1:8080`. The browser's tab bar includes several tabs, with the active one labeled "Regi: x". The main content area features a "Registration Form" centered on the page. The form consists of three input fields: "Name : Deepikala", "Email : Deepikala@gmail.com", and "Mobile : 7890237738". Below these fields is a "Submit" button.



The screenshot shows the same web browser window after the registration process. The address bar now displays `127.0.0.1:8080/output`. The main content area displays a "Welcome Deepikala !!" message. Below the welcome message, the user's details are listed: "Name : Deepikala", "Email : Deepikala@gmail.com", and "Mobile : 7890237738".

**Question-2:**

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

**Solution:**

```
def init(self, n):  
    self.value = n
```

```
def val(self):  
    return self.value
```

```
def add(self, n2):  
    self.value += n2.val()
```

```
def add(self, n2):  
    return self.class_(self.value + n2.val())
```

```
def str__(self):  
    return str(self.val())
```

```
@classmethod  
def addall(cls, number_obj_iter):  
    cls(sum(n.val() for n in number_obj_iter))
```