**Assignment -2**

| Assignment Date | 19 September 2022 |
|---|---|
| Student Name | Mr. KURRE KULASEKHAR REDDY |
| Student Roll Number | 111519104068 |
| Maximum Marks | 2 Marks |

**Question-1:**

1. Create a Flask App

2. Add the Home page, About Page

3. Add the Bootstrap

4. Add the Sign in page and add the Signup Page with database connectivity

5. Use IBM Db2 as Database

**Solution:**

## MAIN CODE:

```
#imports for fileupload


from flask import Flask;
from flask import render_template

#created a flask application
app = Flask(_name_,template_folder='temp')




@app.route('/')
def home():
    return render_template("welcome.html")
@app.route('/login')
def sign_up():
    return render_template("index.html")
@app.route('/signup')
def sign_in():
    return render_template("sigin.html")
@app.route('/about')
def about():
    return render_template("about.html")
```

```
# driver function
if _name_ == '_main_':
    app.run(debug = True)
```

WELCOME PAGE CODE:

```css
body {

    background:              url('https://img.freepik.com/free-vector/clean-medical-
background_53876-97927.jpg?w=2000')
      no-repeat center center fixed;
  -webkit-background-size: cover;
  -moz-background-size: cover;
  -o-background-size: cover;
  background-size: cover;
  min-height: 100%;
  min-width: 100%;

  /* Set up proportionate scaling */
  width: 100%;
  height: auto;

  /* Set up positioning */
  position: fixed;
  top: 0;
  left: 0;
}




.form {
  position: center;
  z-index: 1;
  border-radius: 1px;
  max-width: 360px;
  margin: 0 ;
  padding: 45px;
  text-align: center;
}
```

```css
.form input:focus {
  background: #dbdbdb;
}

.form button {
  text-transform: uppercase;
  outline: 5;
  background: skyblue;
  width: 100%;
  border-radius: 5px;
  padding: 15px;
  margin-left: 800px;
  margin-top: 190px;
  color: #FFFFFF;
  font-size: 14px;
  -webkit-transition: all 0.3 ease;
  transition: all 0.3 ease;
  cursor: pointer;

}
.form input {
  outline: 0;
  background: #f2f2f2;
  width: 100%;
  border: 0;
  border-radius: 5px;
  margin: 0 0 15px;
  border: 2px white;
  padding: 15px;
  box-sizing: border-box;
  font-size: 14px;
}
.para{

    justify-content: left;
    align-items: left;
    font-family:sans-seriff;
```

```css
    font-size: 25px;
    margin-left: 450px;
  }
  .h1{

    align-items: left;
    font-family:sans-seriff;
    font-size: 25px;
    margin-left: 550px;
  }
```

ABOUT PAGE CODE :

```css
body {
  margin: 0;
  font-family: Helvetica, sans-serif;
  background-colon: #f4f4f4;
}

a {
  color: #000;
}

/* header */

.header {
  background-color: #fff;
  box-shadow: 1px 1px 4px 0 rgba(0,0,0,.1);
  position: fixed;
  width: 100%;
  z-index: 3;
}

.header ul {
  margin: 0;
  padding: 0;
  list-style: none;
  overflow: hidden;
  background-color: #fff;
}
```

```css
.header li a {
  display: block;
  padding: 20px 20px;
  border-right: 1px solid #f4f4f4;
  text-decoration: none;
}

.header li a:hover,
.header .menu-btn:hover {
  background-color: #f4f4f4;
}

.header .logo {
  display: block;
  float: left;
  font-size: 2em;
  padding: 10px 20px;
  text-decoration: none;
}

/* menu */

.header .menu {
  clear: both;
  max-height: 0;
  transition: max-height .2s ease-out;
}

/* menu icon */

.header .menu-icon {
  cursor: pointer;
  display: inline-block;
  float: right;
  padding: 28px 20px;
  position: relative;
  user-select: none;
}
```

```css
.header .menu-icon .navicon {
  background: #333;
  display: block;
  height: 2px;
  position: relative;
  transition: background .2s ease-out;
  width: 18px;
}

.header .menu-icon .navicon:before,
.header .menu-icon .navicon:after {
  background: #333;
  content: '';
  display: block;
  height: 100%;
  position: absolute;
  transition: all .2s ease-out;
  width: 100%;
}

.header .menu-icon .navicon:before {
  top: 5px;
}

.header .menu-icon .navicon:after {
  top: -5px;
}

/* menu btn */

.header .menu-btn {
  display: none;
}

.header .menu-btn:checked ~ .menu {
  max-height: 240px;
}

.header .menu-btn:checked ~ .menu-icon .navicon {
  background: transparent;
```

```css
}

.header .menu-btn:checked ~ .menu-icon .navicon:before {
  transform: rotate(-45deg);
}

.header .menu-btn:checked ~ .menu-icon .navicon:after {
  transform: rotate(45deg);
}

.header .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:before,
.header .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:after {
  top: 0;
}

/* 48em = 768px */

@media (min-width: 48em) {
  .header li {
    float: left;
  }
  .header li a {
    padding: 20px 30px;
  }
  .header .menu {
    clear: none;
    float: right;
    max-height: none;
  }
  .header .menu-icon {
    display: none;
  }
}

*, *:before, *:after { box-sizing: border-box; }


.wrapper {
  max-width: 100%;
  width: 600px;
```

```css
    margin: 0 auto;
}
```

INDEX PAGE CODE :

```css
body {
    margin: 0;
    font-family: Helvetica, sans-serif;
    background-color: #f4f4f4;
}

a {
    color: #000;
}

/* header */

.header {
    background-color: #fff;
    box-shadow: 1px 1px 4px 0 rgba(0,0,0,.1);
    position: fixed;
    width: 100%;
    z-index: 3;
}

.header ul {
    margin: 0;
    padding: 0;
    list-style: none;
    overflow: hidden;
    background-color: #fff;
}

.header li a {
    display: block;
    padding: 20px 20px;
    border-right: 1px solid #f4f4f4;
    text-decoration: none;
}
```

```css
.header li a:hover,
.header .menu-btn:hover {
  background-color: #f4f4f4;
}

.header .logo {
  display: block;
  float: left;
  font-size: 2em;
  padding: 10px 20px;
  text-decoration: none;
}

/* menu */

.header .menu {
  clear: both;
  max-height: 0;
  transition: max-height .2s ease-out;
}

/* menu icon */

.header .menu-icon {
  cursor: pointer;
  display: inline-block;
  float: right;
  padding: 28px 20px;
  position: relative;
  user-select: none;
}

.header .menu-icon .navicon {
  background: #333;
  display: block;
  height: 2px;
  position: relative;
  transition: background .2s ease-out;
  width: 18px;
}
```

```css
.header .menu-icon .navicon:before,
.header .menu-icon .navicon:after {
  background: #333;
  content: '';
  display: block;
  height: 100%;
  position: absolute;
  transition: all .2s ease-out;
  width: 100%;
}

.header .menu-icon .navicon:before {
  top: 5px;
}

.header .menu-icon .navicon:after {
  top: -5px;
}

/* menu btn */

.header .menu-btn {
  display: none;
}

.header .menu-btn:checked ~ .menu {
  max-height: 240px;
}

.header .menu-btn:checked ~ .menu-icon .navicon {
  background: transparent;
}

.header .menu-btn:checked ~ .menu-icon .navicon:before {
  transform: rotate(-45deg);
}

.header .menu-btn:checked ~ .menu-icon .navicon:after {
  transform: rotate(45deg);
```

```css
    }

    .header .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:before,
    .header .menu-btn:checked ~ .menu-icon:not(.steps) .navicon:after {
      top: 0;
    }

    /* 48em = 768px */

    @media (min-width: 48em) {
      .header li {
        float: left;
      }
      .header li a {
        padding: 20px 30px;
      }
      .header .menu {
        clear: none;
        float: right;
        max-height: none;
      }
      .header .menu-icon {
        display: none;
      }
    }


@import url(https://fonts.googleapis.com/css?family=Roboto:300);

.login-page {

  width: 360px;
  padding: 8% 0 0;
  margin: auto;
}
.form {
  position: relative;
  z-index: 1;
  background: #FFFFFF;
  max-width: 360px;
```
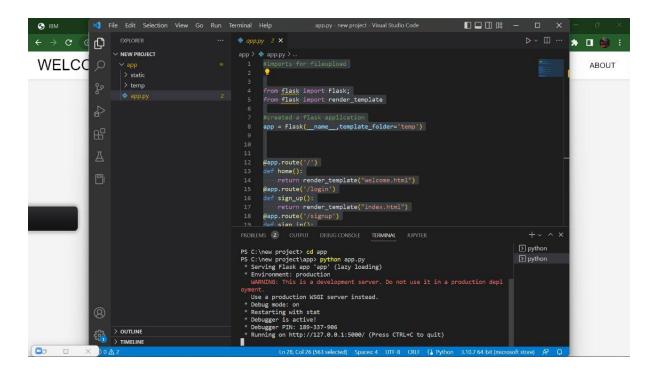
```css
  margin: 0 auto 100px;
  padding: 45px;
  text-align: center;
  box-shadow: 0 0 20px 0 rgba(0, 0, 0, 0.2), 0 5px 5px 0 rgba(0, 0, 0, 0.24);
}
.form input {
  font-family: "Roboto", sans-serif;
  outline: 0;
  background: #f2f2f2;
  width: 100%;
  border: 0;
  margin: 0 0 15px;
  padding: 15px;
  box-sizing: border-box;
  font-size: 14px;
}
.form button {
  font-family: "Roboto", sans-serif;
  text-transform: uppercase;
  outline: 0;
  background: #363636;
  width: 100%;
  border: 0;
  padding: 15px;
  color: #FFFFFF;
  font-size: 14px;
  -webkit-transition: all 0.3 ease;
  transition: all 0.3 ease;
  cursor: pointer;
}
.form button:hover,.form button:active,.form button:focus {
  background: #4F4F4F;
}
.form .message {
  margin: 15px 0 0;
  color: #b3b3b3;
  font-size: 12px;
}
.form .message a {
  color: #4F4F4F;
```
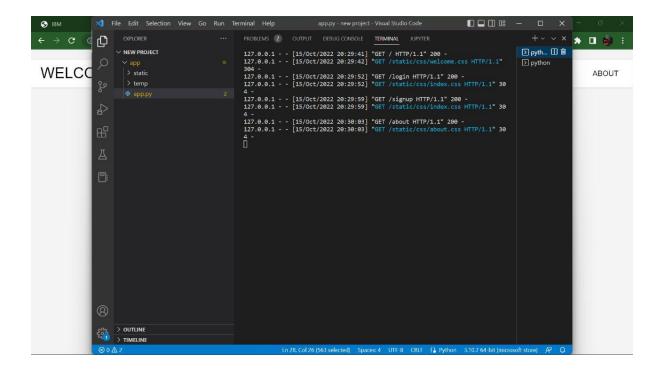
```css
  text-decoration: none;
}
.form .register-form {
  display: none;
}
.container {
  position: relative;
  z-index: 1;
  max-width: 300px;
  margin: 0 auto;
}
.container:before, .container:after {
  content: "";
  display: block;
  clear: both;
}
.container .info {
  margin: 50px auto;
  text-align: center;
}
.container .info h1 {
  margin: 0 0 15px;
  padding: 0;
  font-size: 36px;
  font-weight: 300;
  color: #1a1a1a;
}
.container .info span {
  color: #4d4d4d;
  font-size: 12px;
}
.container .info span a {
  color: #000000;
  text-decoration: none;
}
.container .info span .fa {
  color: black;
}
body {
```

```css
    background-image:                              url("http://dallevas.com/site/wp-
content/uploads/2013/12/Black-Background-Pattern.jpg");
 background-size:100% 100%;
-webkit-background-size: 100% 100%;
-o-background-size: 100% 100%;
-khtml-background-size: 100% 100%;
-moz-background-size: 100% 100%;
}
```
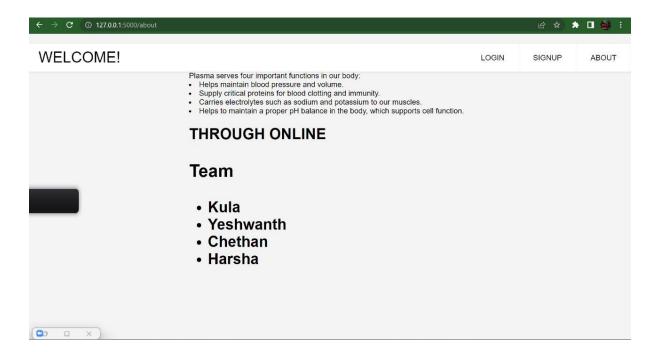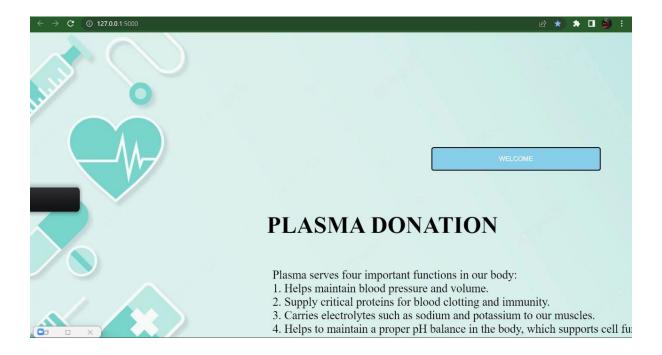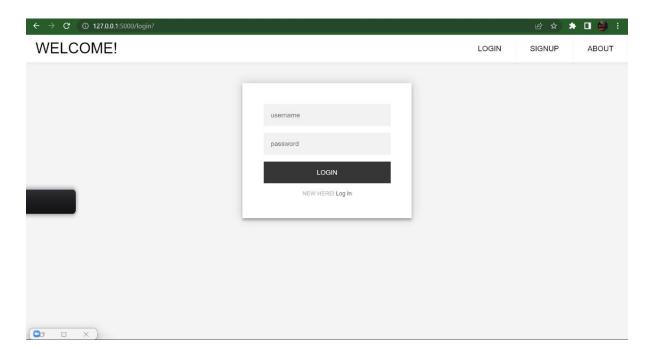
OUTPUT :

CREATE FLASK APP :

HOME PAGE:



Plasma serves four important functions in our body:
- Helps maintain blood pressure and volume.
- Supply critical proteins for blood clotting and immunity.
- Carries electrolytes such as sodium and potassium to our muscles.
- Helps to maintain a proper pH balance in the body, which supports cell function.

## THROUGH ONLINE

## Team

- **Kula**
- **Yeshwanth**
- **Chethan**
- **Harsha**

ABOUT PAGE:



SIGN IN PAGE:

SIGN UP: