

Assignment -2

Assignment Date	29 September 2022
Student Name	R DEEPAK
Student Roll Number	210519106015
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("signin.html")
@app.route('/about') def
about():
    return render_template("about.html")
```

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

WELCOME PAGE CODE:

```
body {

    background:    url('https://img.freepik.com/free-vector/clean-
medicalbackground_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;
}
```

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

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

ABOUT PAGE CODE :

```
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;
}
```

```
.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;
}
```

```
.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);  
}
```

```
.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; margin: 0  
auto;  
}
```

INDEX PAGE CODE :

```
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;  
}
```

```
.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;
}
```

```
.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);  
}
```

```
.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;
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; 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;  
}
```

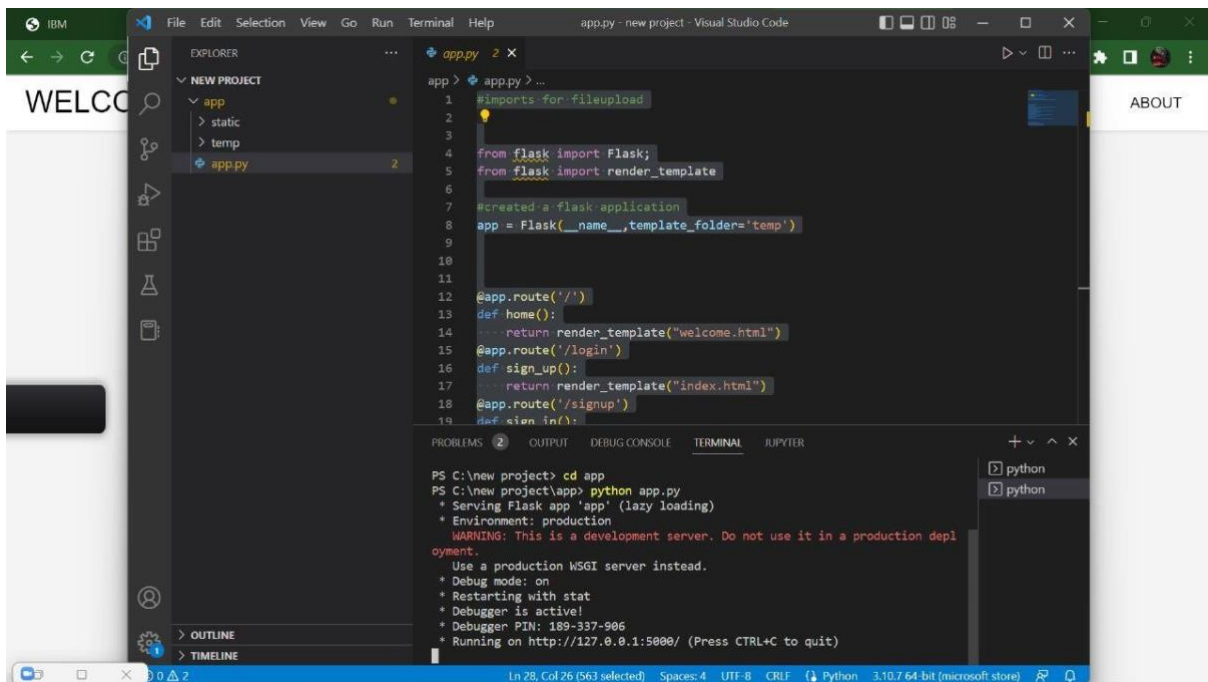
```

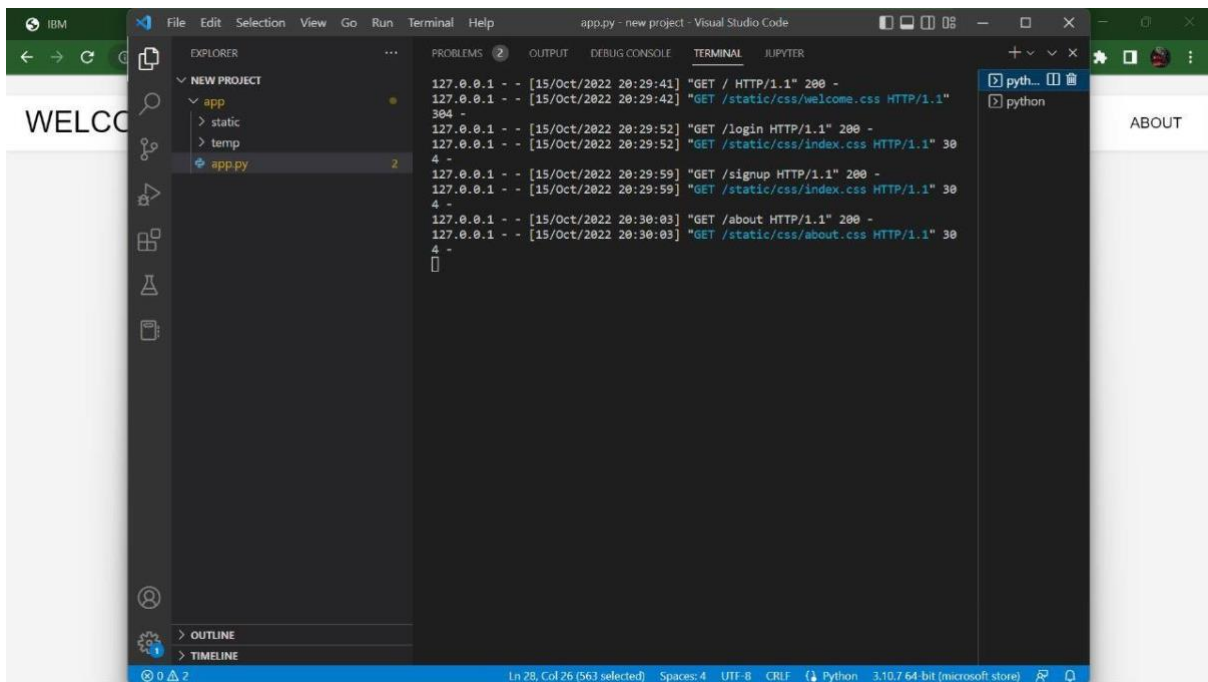
.container .info span a {
color: #000000;
text-decoration: none;
}
.container .info span .fa { color:
black;
}
body {
background-image: url("http://dallevas.com/site/wp-
content/uploads/2013/12/Black-Background-Pattern.jpg");
background-size:100% 100%; -webkit-background-size:
100% 100%;
-o-background-size: 100% 100%;
-khtml-background-size: 100% 100%;
-moz-background-size: 100% 100%;
}

```

OUTPUT :

CREATE FLASK APP :





ABOUT PAGE:

ABOUT

Personal Expense Tracker serves five important functions in our Daily Life:

- Easy transaction download.
- Automatic logging of recurring transactions.
- A forecast of your ending balances at some point in time (cash flow).
- Auto-categorization of transactions, especially taxable items.
- And one real luxury on the wish list: the ability to scan receipts.

THROUGH ONLINE

Team

- **M.Harshitha**
- **N.V.S Meghana**
- **L.V.S Bhuvana Sri**
- **Pooja.D**

SIGN IN PAGE:

127.0.0.1:5000/login?

WELCOME! LOGIN SIGNUP ABOUT

username

password

LOGIN

NEW HERE? Log In

SIGN UP:

