Assignment -2

Assignment Date	29 September 2022
Student Name	M SASIKUMAR
Student Roll Number	210519106059
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():
```

```python
    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-
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;
```

```css
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{
```

```css
    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 :

```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;
```

```css
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:
```

```css
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;
}
```

```css
.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; }
```

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

```css
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:
```

```css
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 {
```

```css
    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;
```

```css
  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;
}
```

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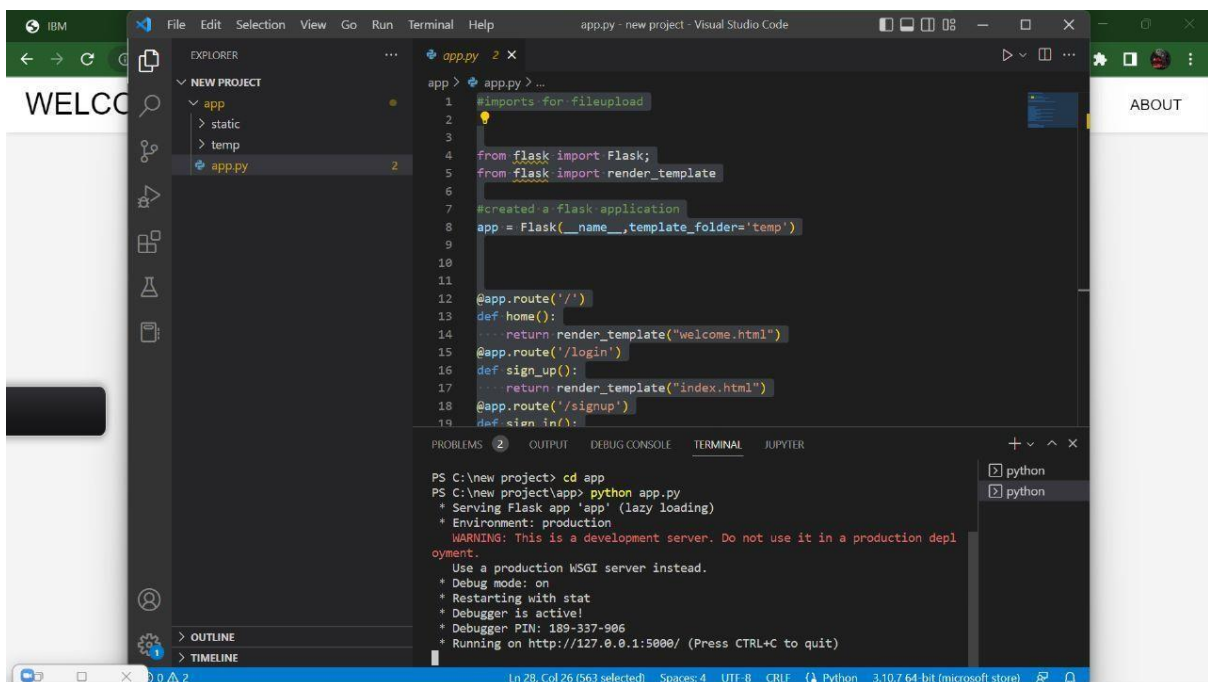
```css
.container .info span a {
color: #000000;
  text-decoration: none;
}
.container .info span .fa { color:
  black;
}
body {
  background-image:                    url("http://dallevas.com/site/wp-
content/uploads/2013/12/Black-Background-Pattern.jpg");
background-size:100% 100%; -webkit-background-size: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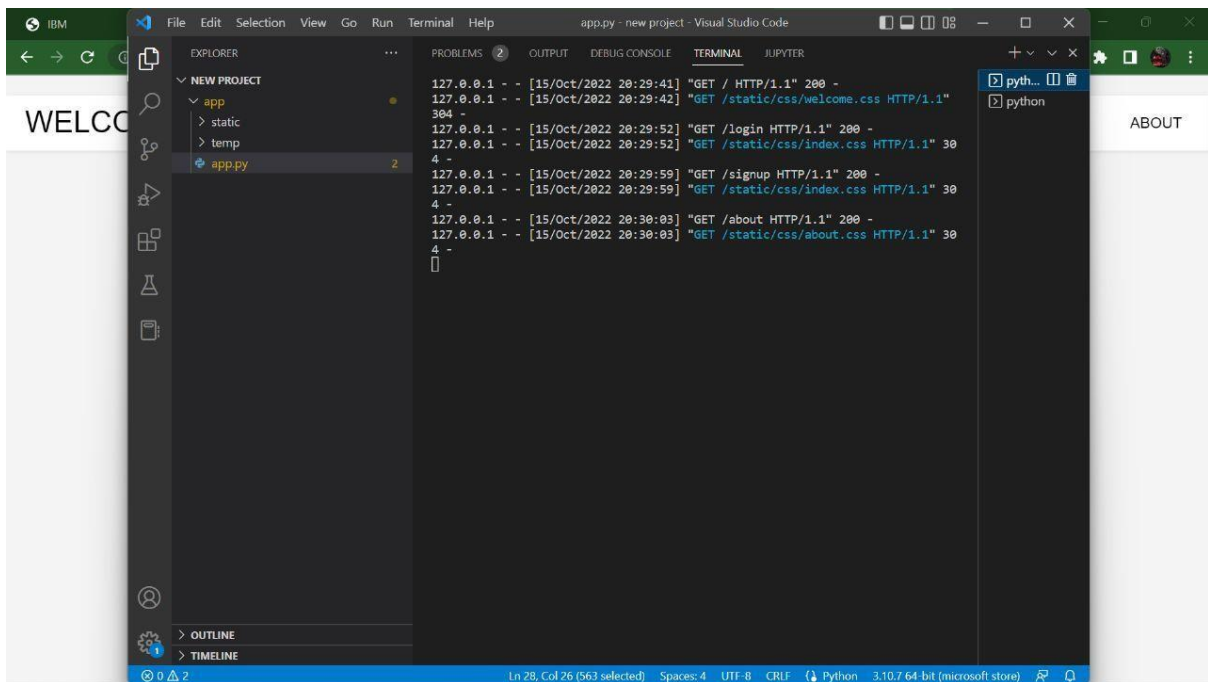
OUTPUT :

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:

SIGN UP: