

BOOK.py

```
from flask import Flask, request, send_from_directory
```

```
from flask import render_template
```

```
from werkzeug.utils import secure_filename
```

```
import os
```

```
import sqlite3 as sql
```

```
app = Flask(__name__)
```

```
BOOK_FOLDER = './BOOK_FOLDER'
```

```
app.config['BOOK_FOLDER']=BOOK_FOLDER
```

```
@app.route('/')
```

```
def home3():
```

```
    return render_template('home3.html')
```

```
@app.route('/bform', methods=['POST','GET'])
```

```
def bform():
```

```
    if request.method == 'POST':
```

```
        nm = request.form['name']
```

```
        p = request.form['author']
```

```
        f = request.files['file']
```

```
        filename = secure_filename(f.filename)
```

```
        f.save(os.path.join(app.config['BOOK_FOLDER'], filename))
```

```
        con = sql.connect("database3.db")
```

```
        cur = con.cursor()
```

```
        cur.execute("INSERT INTO book(name,author,pdf) VALUES (?,?,?)", (nm, p,
```

```
filename))

        con.commit()

        return render_template('resultb.html')

    return render_template('bform.html')
```

```
@app.route('/upload')
```

```
def upload():

    return render_template('upload.html')
```

```
@app.route('/uploader', methods=['POST', 'GET'])
```

```
def uploader():

    if request.method == 'POST':

        f = request.files['file']

        filename = secure_filename(f.filename)

        f.save(os.path.join(app.config['BOOK_FOLDER'], filename))

        return render_template('uploader.html', x=filename)
```

```
@app.route('/up/<f>')
```

```
def uploaded_file(f):

    return send_from_directory(app.config['BOOK_FOLDER'], f)
```

```
@app.route('/booklist')
```

```
def booklist():

    con = sql.connect("database.db")

    con.row_factory = sql.Row

    cur = con.cursor()

    cur.execute("select * from book")
```

```
rows = cur.fetchall()

return render_template('booklist.html',rows=rows)
```

```
if __name__=='__main__':

    app.run()
```

data.py <----- to create a database

```
import sqlite3

con=sqlite3.connect('database.db')

print('opened database successfull')

con.execute('CREATE TABLE book(name char(20),author char(20),pdf char(20));')

print("Table created successfully")

con.close()
```

>BOOK_FLOFER <----- #CREATE EMPTY FOLDER

>templates

-bform.html

-booklist.html

-home3.html

-resultb.html

-upload.html

-uploader.html

bform.html

```
{% extends "home3.html" %}
```

```
{% block content %}
```

```
<form action="{{url_for('bform')}}" method="POST"
enctype="multipart/form-data">
```

```
Title:<input type="text" name="name"><br><br>
```

```
Author:<input type="text" name="author"><br><br>
```

```
Pdf:<input type="file" name="file"><br><br>
```

```
<input type="submit" value="Submit">
```

```
</form>
```

```
{% endblock %}
```

home3.html

```
<h2>upload files</h2></center>
```

```
<div class="container">
```

```
<div class="btn-group btn-group-justified">
```

```
<a href="{{url_for('home3')}}" class="btn
btn-danger">home</a>
```

```
<a href="{{url_for('bform')}}" class="btn
btn-danger">upload</a>
```

```
<a href="{{url_for('booklist')}}" class="btn
```

```
btn-danger">book details</a>
```

```
</div>
```

```
</div>
```

```
{% block content %}
```

```
{% endblock %}
```

booklist.html

```
{% extends "home3.html" %}
```

```
{% block content %}
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Book Details</title>
```

```
<body>
```

```
<div class="container-fluid">
```

```
<table border= "1px solid black">
```

```
<tr>
```

```
<th>Title</th>
```

```
<th>Author</th>
```

```
<th>PDF</th>
```

```
</tr>
```

```
{% for row in rows %}
```

```
<tr>
```

```
<td>{{row['name']}}</td>
```

```
<td>{{row['author']}}</td>
```

```
<td><a
```

```
href="{{url_for('uploaded_file',f=row['pdf'])}}">link</a></td>
```

```
<td></td>
```

```
</tr>
```

```
{% endfor %}
```

```
</table>
```

```
</div>
```

```
<a href='/'>Go back to home page</a>
```

```
</body>
```

```
</html>
```

```
{% endblock %}
```

resultb.html

```
{% extends "home3.html" %}
```

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Result</title>
```

```
</head>
```

```
<body>
```

```
    {% block content %}
```

```
    result of bform:{{n}}
```

```
<h2><a href=\'\'>Go back to home</a></h2>
```

```
{% endblock %}
```

```
</body>
```

```
</html>
```

upload.html

```
<center>
```

```
<h2>*Upload file</h2>
```

```
<form action="{{url_for('uploader')}}" method="POST"  
enctype="multipart/form-data">
```

```
<input type="file" name="file">
```

```
<input type="submit">
```

```
</form>
```

```
</center>
```

uploader.html

```
<p>uploaded successfully</p>
```

```

```

```
<a href="{{url_for('uploaded_file',f=x)}}">link</a>
```