

Python Login form with Mongodb

COHDSE181F-049

- Install python and mongodb
- To connect the mongodb with python have to use pymongo

In command prompt type `pip install pymongo`

- Can make the login form using python

```
from flask import Flask,render_template,url_for,request,session,redirect
from flask.ext.pymongo import PyMongo
import bcrypt

app =Flask(__name__)
app.config['MONGO_DBNAME'] = 'mongologin'
app.config['MONGO_URI'] = 'mongodb://localhost:5000'
mongo = PyMongo(app)

@app.route('/')
def index():
    if 'username' in session:
        return 'You are logged in as' + session['username']
    return render_template('index.html')

@app.route('/login')
def login():
    return ''

@app.route('/register', methods=['POST' , 'GET'])
def register():
    if request.method == 'POST':
        users =mongo.db.users
        existing_user = users.find_one({'name' : request.form['username']})
```

```

if existing_user is None:

    hashpass      =      bcrypt.hashpw(request.form['pass'].encode('utf-8')
    bcrypt.gensalt())

    users.insert({'name' : request.form['username'], 'password': hashpass})

    session ['username'] = request.form['username']

    return redirect(uri_for('index'))

    return 'That username already exists'

return render_template('register.html')

if __name__ == '__main__':

app.secret_key = 'mysecret'

app.run(debug = True)

```

- **Make the mongodb**

1. Show dbs- show all the data in mongodb
2. Use mylib -make a new database called mylib
3. db.users.insert({"username":"Admin"})- data inserting
4. show collections-view tables