**LOGIN FUNCTION USING PYMONGO:-**

from flask import Flask, render\_template, url\_for, request, session, redirect  
  
from [flask.ext.pymongo](http://flask.ext.pymongo/) import PyMongo  
  
import bcrypt  
  
  
app = Flask(\_\_name\_\_)  
  
  
[app.config](http://app.config/)['MONGO\_DBNAME'] = 'mongologinexample'  
  
[app.config](http://app.config/)['MONGO\_URI'] = 'mongodb://pretty:[printed@ds021731.mlab.com](mailto:printed@ds021731.mlab.com):[21731](tel:21731)/mongologinexample'  
  
  
mongo = PyMongo(app)  
  
  
@[app.route](http://app.route/)('/')  
  
def index():  
  
    if 'username' in session:  
  
        return 'You are logged in as ' + session['username']  
  
  
    return render\_template('[index.html](http://index.html/)')  
  
  
@[app.route](http://app.route/)('/login', methods=['POST'])  
  
def login():  
  
    users = [mongo.db.users](http://mongo.db.users/)  
  
    login\_user = users.find\_one({'name' : [request.form](http://request.form/)['username']})  
  
  
    if login\_user:  
  
        if [bcrypt.hashpw](http://bcrypt.hashpw/)([request.form](http://request.form/)['pass'].encode('utf-8'), login\_user['password'].encode('utf-8')) == login\_user['password'].encode('utf-8'):  
  
            session['username'] = [request.form](http://request.form/)['username']  
  
            return redirect(url\_for('index'))  
  
  
    return 'Invalid username/password combination'  
  
  
@[app.route](http://app.route/)('/register', methods=['POST', 'GET'])  
  
def register():  
  
    if [request.method](http://request.method/) == 'POST':  
  
        users = [mongo.db.users](http://mongo.db.users/)  
  
        existing\_user = users.find\_one({'name' : [request.form](http://request.form/)['username']})  
  
        if existing\_user is None:  
  
            hashpass = [bcrypt.hashpw](http://bcrypt.hashpw/)([request.form](http://request.form/)['pass'].encode('utf-8'), [bcrypt.gensalt](http://bcrypt.gensalt/)())  
  
            [users.insert](http://users.insert/)({'name' : [request.form](http://request.form/)['username'], 'password' : hashpass})  
  
            session['username'] = [request.form](http://request.form/)['username']  
  
            return redirect(url\_for('index'))  
  
          
        return 'That username already exists!'  
  
  
    return render\_template('[register.html](http://register.html/)')  
  
if \_\_name\_\_ == '\_\_main\_\_':

 app.secret\_key = 'mysecret'

  [app.run](http://app.run/)(debug=True)