

```
from flask import Flask, request, json
from flask import render_template
from flask import Blueprint
from flask import Flask, redirect, url_for, request
app = Flask(__name__)
```

```
@app.route('/success/<name>')
def success(name):
    return 'welcome %s' % name
```

```
@app.route('/login', methods=['POST', 'GET'])
def login():
    if request.method == 'POST':
        user = request.form['nm']
        return redirect(url_for('success', name=user))
    else:
        user = request.args.get('nm')
        return redirect(url_for('success', name=user))
```

```
@app.route("/")
def fahrenheit_from(celsius):
    """Convert Celsius to Fahrenheit degrees."""
    try:
        fahrenheit = float(celsius) * 9 / 5 + 32
        fahrenheit = round(fahrenheit, 3)
        return str(fahrenheit)
    except ValueError:
        return "invalid input"
```

```
@app.route("/")
def home():
    return render_template('index.html')
```

```
@app.route("/signin", methods=['POST'])
def signin():
    username = request.form['username']
    password = request.form['password']
    if username and password:
        return json.dumps({'validation' : validateUser(username, password)})
    return json.dumps({'validation' : False})
```

```
def validateUser(username, password):
    return True
```

```
def index():
    return "This is an example app"
if __name__ == '__main__':
    app.run(debug=True)
```

```
app = Flask(__name__)
app.debug = True
```