# **Build Python Code**

## 1. Import the libraries

```
import re
import numpy as np
import os
from flask import Flask, app,request,render_template
import sys
from flask import Flask, request, render_template, redirect, url_for
import argparse
from tensorflow import keras
from PIL import Image
from timeit import default_timer as timer
import test
from pyngrok import ngrok
import pandas as pd
import random

from cloudant.client import Cloudant

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```

## 2. URL view in flask app

```
Part of the control o
@app.route("/")
def index():
               return render_template("index.html")
@app.route("/login", methods =['GET', 'POST'])
def login():
              if request.method == "GET":
                             return render template("login.html")
              else:
                             user = request.form['username']
                             passw = request.form['password']
                             query = {'_id': {'$eq': user}, 'psw' : {'$eq' : passw}}
                            docs = my_database.get_query_result(query)
                            print(docs)
                            print(len(docs.all()))
                             if(len(docs.all())==0):
                                           return render_template('login.html', pred="The username is not fo
                            else:
                                           return redirect(url_for('prediction'))
@app.route("/register", methods=['GET', 'POST'])
def register():
              if request.method == "GET":
                            return render template("register.html")
              else:
                             x = [x for x in request.form.values()]
                            print(x)
                             data = {
                                             '_id': x[1], # Setting _id is optional
                                            'name': x[0],
                                            'psw':x[2]
                            print(data)
```

#### 3. Main implementation

#### 4. Render HTML files

```
File Edit Selection View Go Run Terminal Help
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crossorigin="anonymous"
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5 register.html
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            > PROJECT DESIGN PHASE-2
           > PROJECT DEVELOPMENT PHASE
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README.md
                                                                                                                                                                                                    (i) Welcome to Kite for VS Code
                                                                                                                                                                                                                                                                                                                                                                                                                                       Source: Kite AutoComplet... Learn how to use Kite Don't show this again

<a class="nav-link" href="/login">login
```