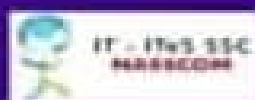




IBM



ICTACADEMY

PROJECT ORIENTATION SESSIONS

CLOUD APP DEVELOPMENT

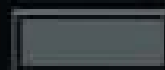
LIVE ON : 02 AUGUST 2022,
9AM - 12PM AND 6PM - 9PM



LIVE



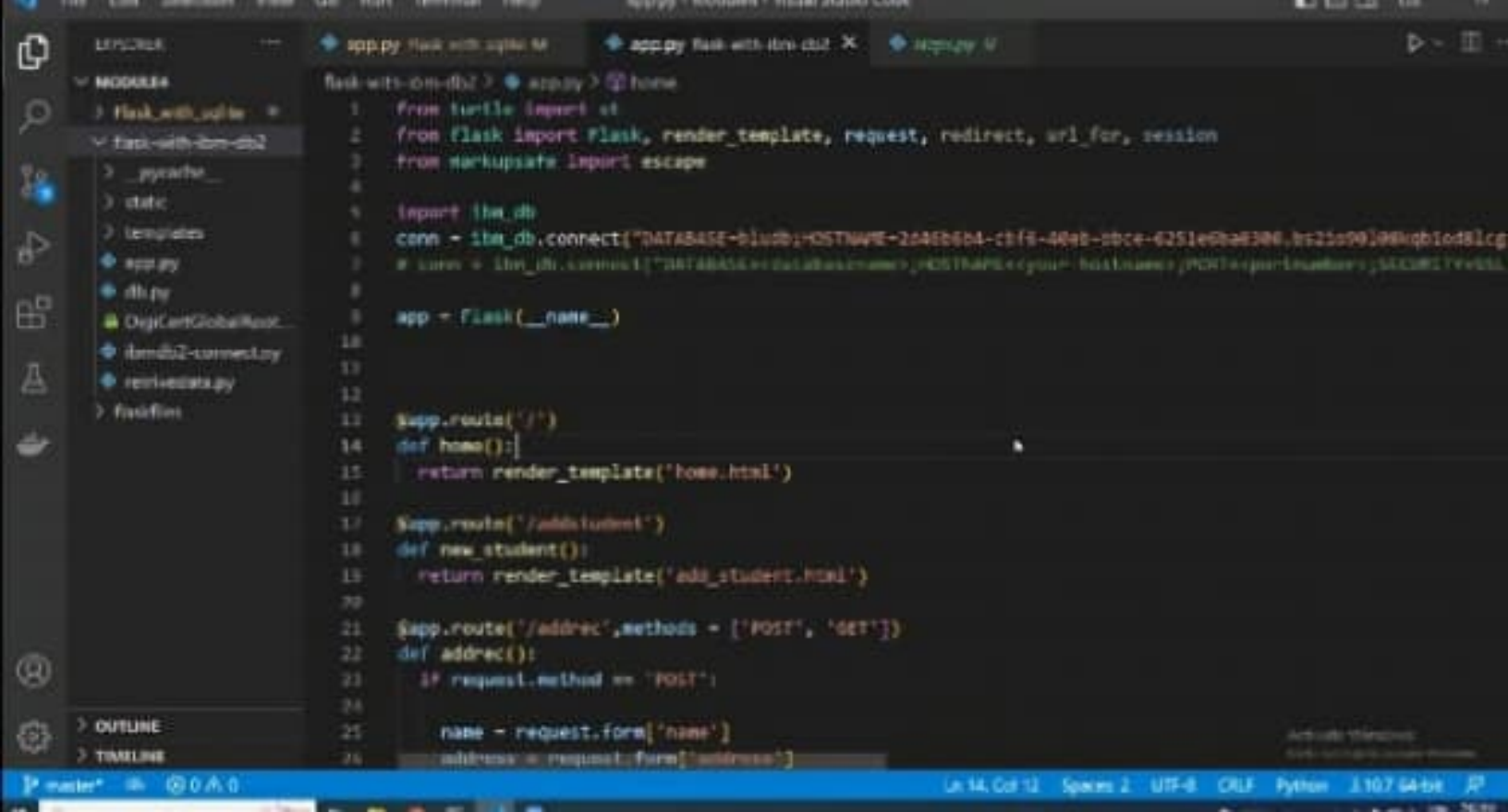
104



Portfolio



zoom



EXPLORER

MODULES

> flask_with_sqlite

> flask_with_db2

> __pycache__

> static

> templates

app.py

db.py

OsgiCartGlobalRoot

dbm2-connect.py

requirements.py

> flaskfile

> OUTLINE

> TIMELINE

flask-with-db2 > app.py > home

```
1 from turtle import st
2 from flask import Flask, render_template, request, redirect, url_for, session
3 from markupsafe import escape
4
5 import db
6 conn = db.connect("DATABASE=db2;HOSTNAME=2646b6b4-c1f8-40ab-bbce-6251e0bae306.hs21s99l98uqbiodslcg
7 # conn = db.connect("DATABASE=db2;HOSTNAME=2646b6b4-c1f8-40ab-bbce-6251e0bae306.hs21s99l98uqbiodslcg
8
9 app = Flask(__name__)
10
11
12
13
14 @app.route('/')
15 def home():
16     return render_template('home.html')
17
18
19 @app.route('/addstudent')
20 def new_student():
21     return render_template('add_student.html')
22
23
24
25
26 @app.route('/addrec', methods = ['POST', 'GET'])
27 def addrec():
28     if request.method == 'POST':
29
30         name = request.form['name']
31         address = request.form['address']
```

Activate Windows
Go to Settings to activate Windows.

```
<?xml version="1.0" encoding="UTF-8"?>
<project
xmlns="http://www.netbeans.org/ns/project
/1">
<type>org.netbeans.modules.java.j2seprojec
t</type>
<configuration>
<data
xmlns="http://www.netbeans.org/ns/j2se-
project/3">
<name>bloodbank</name>
<source-roots>
<root id="src.dir"/>
</source-roots>
<test-roots>
<root id="test.src.dir"/>
</test-roots>
</data>
</configuration>
</project>
```

```
<project
xmlns:j2seproject1="http://www.netbeans.org/ns/j2se-project/1"
xmlns:j2seproject3="http://www.netbeans.org/ns/j2se-project/3"
xmlns:jaxrpc="http://www.netbeans.org/ns/j2se-project/jax-rpc"          basedir=".."
default="default" name="bloodbank-impl">
<fail message="Please build using Ant 1.8.0 or higher.">
<condition>
<not>
<antversion atleast="1.8.0"/>
</not>
</condition>
</fail>

<target          depends="test,jar,javadoc"
description="Build and test whole project."
name="default"/>

<!--
=====

INITIALIZATION SECTION

=====

-->

<target name="-pre-init">


<!--    Empty    placeholder    for    easier
customization. -->
```

```
<target name="-check-call-dep">
  <property          file="\${call.built.properties}"
    prefix="already.built."/>
  <condition property="should.call.dep">
    <and>
      <not>
        <isset
          property="already.built.\${call.subproject}"/>
        </not>
        <available file="\${call.script}"/>
      </and>
    </condition>
  </target>

  <target          depends="-check-call-dep"
    if="should.call.dep" name="-maybe-call-dep">
    <ant antfile="\${call.script}" inheritall="false"
      target="\${call.target}">
      <propertyset>
        <propertyref prefix="transfer."/>
        <mapper      from="transfer.*"      to="*"
          type="glob"/>
      </propertyset>
    </ant>
  </target>
</project>
```

<!-- You can override this target in the
../build.xml file. -->

</target>

<target depends="-pre-init,-init-private,-init-
user,-init-project,-do-init" name="-init-check":

<fail unless="src.dir">Must set src.dir</fail>

<fail unless="test.src.dir">Must set
test.src.dir</fail>

<fail unless="build.dir">Must set
build.dir</fail>

<fail unless="dist.dir">Must set dist.dir</fail>

<fail unless="build.classes.dir">Must set
build.classes.dir</fail>

<fail unless="dist.javadoc.dir">Must set
dist.javadoc.dir</fail>

<fail unless="build.test.classes.dir">Must set
build.test.classes.dir</fail>

<fail unless="build.test.results.dir">Must set
build.test.results.dir</fail>

<fail unless="build.classes.excludes">Must
set build.classes.excludes</fail>

<fail unless="dist.jar">Must set dist.jar</fail>

</target>

<target name="-init-macrodef-property">

<macrodef name="property"
uri="http://www.netbeans.org/ns/j2se-
project/1">