

DEPLOYMENT OF APP IN IBM CLOUD

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Project Title	Personal Expense Tracker

CONTAINERIZE THE APP:

The screenshot displays the Visual Studio Code interface. The editor shows a file named `app.py` with the following Python code:

```
11
12     user = request.form
13     print(user)
14     name = user["name"]
15     email = user["email"]
16     passwd = user["password"]
17
18     sql = "SELECT * FROM USERS WHERE email = ?"
19     stmt = ibm_db.prepare(conn, sql)
20     ibm_db.bind_param(stmt, 1, email)
21     ibm_db.execute(stmt)
```

The bottom panel shows the `TERMINAL` output, which includes the Docker build process:

```
To get more help with docker, check out our guides at https://docs.docker.com/go/guides/
=> transferring context: 2B 0.0s
=> [internal] load build definition from Dockerfile 0.1s
=> transferring dockerfile: 169B 0.0s
=> [internal] load metadata for docker.io/library/python:2.7 1.5s
=> [1/4] FROM docker.io/library/python:2.7@sha256:cfa2318c459b1fde9e0841c619906d15ada5910d625176e24bf692cfaa2601d 0.1s
=> resolve docker.io/library/python:2.7@sha256:cfa2318c459b1fde9e0841c619906d15ada5910d625176e24bf692cfaa2601d 0.1s
=> [internal] load build context 0.3s
=> transferring context: 31.1kB 0.2s
=> CACHED [2/4] WORKDIR /main 0.0s
=> CACHED [3/4] COPY . /main 0.0s
=> CACHED [4/4] RUN pip install -r requirements.txt 0.0s
=> exporting to image 0.1s
=> exporting layers 0.0s
=> exporting manifest sha256:ff90a2bd35fb9598267b73e9f20b01b8c2485184153c99db43cf1509ef6758 0.0s
=> exporting config sha256:4123d9eae071b0cedf4a016a22281ef4efb2ab7db4faecf97b819525eaeed9 0.0s
=> naming to docker.io/library/petaibm:latest 0.0s
=> unpacking to docker.io/library/petaibm:latest 0.1s
PS E:\IBM\project\projectMainDummy>
```

The status bar at the bottom indicates the file encoding is UTF-8, the line length is 105, and the Python interpreter is 3.10.7 64-bit.

