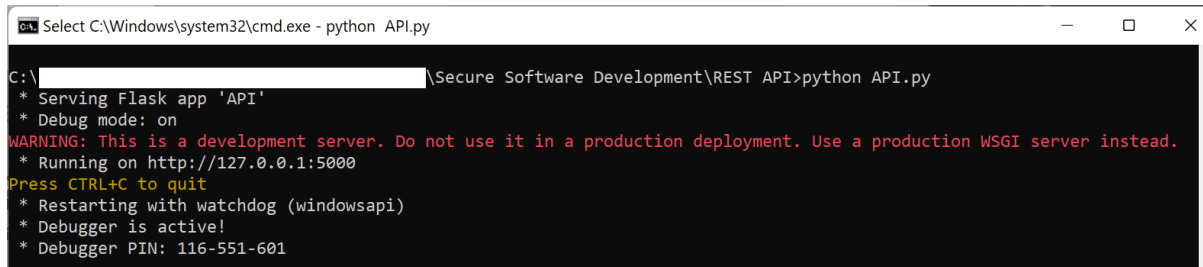


The code posted in this assignment had a small but serious typo: the second last line of code was missing the text in bold below, without which it did not work at all:

```
api.add_resource(User, "/user/<string:name>")
```

I assumed this needed to be fixed and based on the fixed version, here's the answers:

1.



```
Select C:\Windows\system32\cmd.exe - python API.py
C:\>python API.py
* Serving Flask app 'API'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
* Restarting with watchdog (windowsapi)
* Debugger is active!
* Debugger PIN: 116-551-601
```

2. The information pertaining to user Ann is retrieved and displayed. This is because the flask application is now armed with a REST API that can pick up and respond to requests like this. In this case, the get() method is invoked which searches for the specified user "Ann" which does exist; therefore the information of this user is returned and displayed.

3. The text "User not found" is displayed. This is once again because the flask application now picks up the GET request and looks for the user Adam that is not in the list. Therefore, the get() method is currently setup to return this message.

4. The flask library is an API in Python that allows for the development of light-weight but full-featured web applications. The API also includes a RESTful library that allows for the rapid development of RESTful APIs, of which the example here is one.