**Solution: Application Logging**

**Summary**

The following snippet showcases how logging would be implemented for each endpoint:

**from** flask **import** Flask

**from** flask **import** json

**import** logging

app = Flask(\_\_name\_\_)

@app.route('/status')

**def** **healthcheck**():

response = app.response\_class(

response=json.dumps({"result":"OK - healthy"}),

status=200,

mimetype='application/json'

)

*## log line*

app.logger.info('Status request successfull')

**return** response

@app.route('/metrics')

**def** **metrics**():

response = app.response\_class(

response=json.dumps({"status":"success","code":0,"data":{"UserCount":140,"UserCountActive":23}}),

status=200,

mimetype='application/json'

)

*## log line*

app.logger.info('Metrics request successfull')

**return** response

@app.route("/")

**def** **hello**():

*## log line*

app.logger.info('Main request successfull')

**return** "Hello World!"

**if** \_\_name\_\_ == "\_\_main\_\_":

*## stream logs to app.log file*

logging.basicConfig(filename='app.log',level=logging.DEBUG)

app.run(host='0.0.0.0')

