

1. Create an application and integrate sentry with it. Push error messages to the sentry

Answer:

Create an account in sentry and login to it.

Install sentry sdk and import it.

Pip install sentry-sdk

Configure sentry using dsn

```
dsn="https://9a3d65882f9018cfa15807d95cb56bab@o4507496599912448.ingest.us.sentry.io/4507498227367936"
```

```
from flask import Flask, jsonify
import sentry_sdk
from sentry_sdk.integrations.flask import FlaskIntegration

sentry_sdk.init(
    dsn="https://9a3d65882f9018cfa15807d95cb56bab@o4507496599912448.ingest.us.sentry.io/4507498227367936",
    integrations=[FlaskIntegration()],
    traces_sample_rate=1.0,
    send_default_pii=True
)

app = Flask(__name__)

@app.route('/')
def home():
    return jsonify(message="Hello, World!")

@app.route('/error')
def trigger_error():
    division_by_zero = 1 / 0 # This will cause a ZeroDivisionError
    return jsonify(message="This will not be executed.")

if __name__ == '__main__':
    app.run(debug=True)
```

Send error message to sentry

Try:

```
print("dividing 10 by 0")
```

```
result=divide(10,0)
```

```
print(f'result:{result}')
```

Except ZeroDivisonError as e:

```
print(f'an error occurred: {e}')
```

```
sentry_sdk.capture_exception(e)
```

2. Mention commands for updating a staging with a particular branch for a service

Answer:

```
Practl update st<stage_name> -p <branch_name>
```

- 3.Command for starting a staging

Answer:

```
Practl start staging <staging_name>
```

