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

```python
import sentry_sdk
from sentry_sdk.integrations.logging import LoggingIntegration

sentry_sdk.init(
    dsn="https://e093ee9a2dd0f692e7c59588e009fee3@o4507496686878720.ingest.us.sentry.io/4507498011820032",
    integrations=[LoggingIntegration()]
)

def divide(a, b):
    return a / b

def main():
    try:
        print("Dividing 10 by 0")
        result = divide(10, 0)
        print(f"Result: {result}")
    except ZeroDivisionError as e:
        print(f"An error occurred: {e}")
        # This will automatically send the error to Sentry
        sentry_sdk.capture_exception(e)

    try:
        print("Accessing an undefined variable")
        print(undefined_variable)
    except NameError as e:
        print(f"An error occurred: {e}")
        # This will automatically send the error to Sentry
        sentry_sdk.capture_exception(e)

if __name__ == "__main__":
    main()
```

Steps -
1. Create sentry account
   At sentry.io, create the account and get the dsn key.

2. Install sentry sdk and import it.

   pip install sentry-sdk

3. Configure sentry using dsn string.

   # settings -

   sentry_sdk.init(

```
        dsn="https://e093ee9a2dd0f692e7c59588e009fee3@o450749668687872
        0.ingest.us.sentry.io/4507498011820032",
          integrations=[LoggingIntegration()]
)
```

4. Send error or exception message to sentry (with try and exception blocks in python.

```
try:
    print("Dividing 10 by 0")
    result = divide(10, 0)
    print(f"Result: {result}")
except ZeroDivisionError 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

practl update st <stage_name> -p <branch_name>

3. Command for starting a staging

practl start staging <staging_name>

4. Create a staging with the services: Accounts, nav, Communicator, Ray-app, Ray-api, QMS, Store
The deployment of one product will fail, explain why the deployment has failed

NOT ACCESSIBLE