Interview Scenario

1 - Create a REST API Application server that gets the "city" key item in the body and shows the city temperature, and humidity in response in JSON format

Method: GET
URI: <url>/v1/weather
Response format:

```
{
    "city" : "<city>",
    "Temp" : "<city temperature>",
    "Hum"  : "<city humidity>"
}
```

TIP1: Use the free Weather API site to access weather data with API (https://www.weatherapi.com)
TIP2: Authentication Required (Method of authentication is optional)
2 - Deploy a RDBMS database and connect to the python application to save the response data.

id	city	temperature	humidity	time(based on Api request time)

3 - Deploy an nginx to serve as a reverse proxy front of the python application
4- Create Docker compose for all implementation
5 - Push All of the code To GitHub or Gitlab
6 - The following Tasks are optional and they have extra bonuses.
- Make unit test for python application (optional)
- Consider Monitoring solutions in the following layer:
    - Containers performance (Memory, Cpu, Bandwith)
    - Reverse proxy (Monitor number of 200 status code requests)