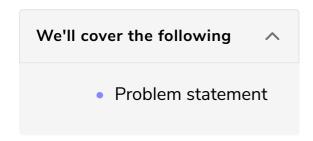# Do It Yourself - Exercise

A docker-compose exercise to test all you have learnt to far

Problem statement

In this exercise, you will write a docker-compose.yml file to automate the deployment of two services. A skeleton will be provided and you have to join the services and make it work.

The app will be similar to what we have built in this section so you don't have to deal with the Python code. You only have to focus on creating the docker-compose.yml file.

You can use the terminal and carry out different troubleshooting commands to check what you are missing and what needs to be fixed.

> This exercise will force you to discover something on your own, which we have not covered directly in any of the lessons of this section. But you can think and make reference to the official documentation to solve it.

So, let's take a look at the skeleton.

Make sure that you don't make any changes in any other file except docker-compose.yml. All the changes required to solve this exercise are in the docker-compose.yml file only. You can read the app.py file for DB credentials used by the application.

```
FROM mysql/mysql-server:5.7
```

If you have not practiced the lessons and never done any troubleshooting before,

this exercise might take a long time. But it will be easy for those who have

understood the architecture and role of every component of docker-compose and Docker.

So, I wish you all the best for this exercise. I hope you learn new things by doing it.