



DEVOPS EASY LEARNING

Class review
S5GROUP5
BrainCells
(DOCKER/AWS/yaml)

YAML

1. Can you please Transform this text in YAML FORMAT:

- My name is [write your own name], I'm age of 25 years old, my email address is [write your mail address], my phone number is[write your phone number] and my house address is [write your address].
- I like doing activities such as [specified 4 activities you like to do].
- I have been working for the following company ;
 - I have been working for EK_ cooperation as a Linux administration from 2017-04-1 to 2022-08-10 and I then move to EK_TECH SOFTWARE SOLUTION where I have been working as a DevOps Engineer from 2023-03-22 to present



Questions

2. Look at the image below and explain the following YAML file

```
1  company: spacelift
2  ✓ domain:
3    - devops
4    - devsecops
5  ✓ tutorial:
6  ✓ - yaml:
7      name: "YAML Ain't Markup Language"
8      type: awesome
9      born: 2001
10 ✓ - json:
11     name: JavaScript Object Notation
12     type: great
13     born: 2001
14 ✓ - xml:
15     name: Extensible Markup Language
16     type: good
17     born: 1996
18 author: omkarbirade
19 published: true
20
21
```



HANDS ON AWS/DOCKER

On your first working day as a devOps engineer at EK_TECK SOFTWARE SOLUTION, you were assigned a project by your manager, and on the project, the tasks/requirements are as follows:

- The application code is written in **Python**
- Your base image is ubuntu
- Your working directory is /app
- Download and install python3 and python3-pip while writing your dockerfile
 - Can you explain your previous step?
- You can have the developer code here;
 - <https://group5-braincells.s3.amazonaws.com/python-web-app.zip>
 - The directory(devOps) contains the Python code for the web application
- Your entrypoint will be python3 and your cmd (manage.py, runserver, 0.0.0.0:8000)
- Deploy your application and at the browser specified at the end **/demo**
 - for example **http:amazonaws.com:8000/demo/**
- Push the image to dockerhub



FEEL FREE TO DELETE WHEN YOU'RE DONE

