Kubernetes questions

- How would you deploy a stateless REST API in Kubernetes? How about a stateful one?
- Pod "A" sends a request to "my-service.my-namespace.svc": what happens behind the scenes?
- What kind of Kubernetes object do you use to deploy a Pod on every node?

Sysadmin questions

o I have this YAML to list my users

```
users:
    - firstname: Paul
    lastname: Jack
    - firstname: Foo
    lastname: Bar
    - {}
    - firstname: Toto
    lastname: Tata
    - firstname: Pierre
    lastname: Dupont
    - firstname: Paul
    lastname: Jack
    - null
    - firstname: Abc
    lastname: Def
```

I want to compute email for them as follow (we do not care about the order)

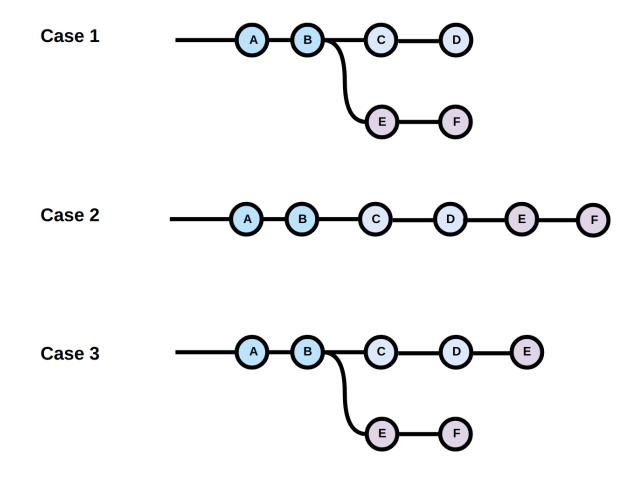
```
toto.tata@example.com
abc.def@example.com
pierre.dupont@example.com
paul.jack@example.com
foo.bar@example.com
```

How do you do?

- Explain two approaches to network load balancing, their benefits and drawbacks
- What command(s) do you use to list storage devices?
- An LVM LV is used by a process and we need to double its size. What is the procedure?

Git questions

o Given the following gitflow diagram



- How to go from Case 1 to Case 2 (one git command; HEAD on F)
- How to go from Case 1 to Case 3 (one git command; HEAD on D)

- Bonus
 - O What does this code do?

(NOTE: docstring and comments were removed on purpose)