

# design principles of distributed systems.  
 ideas  
 issues

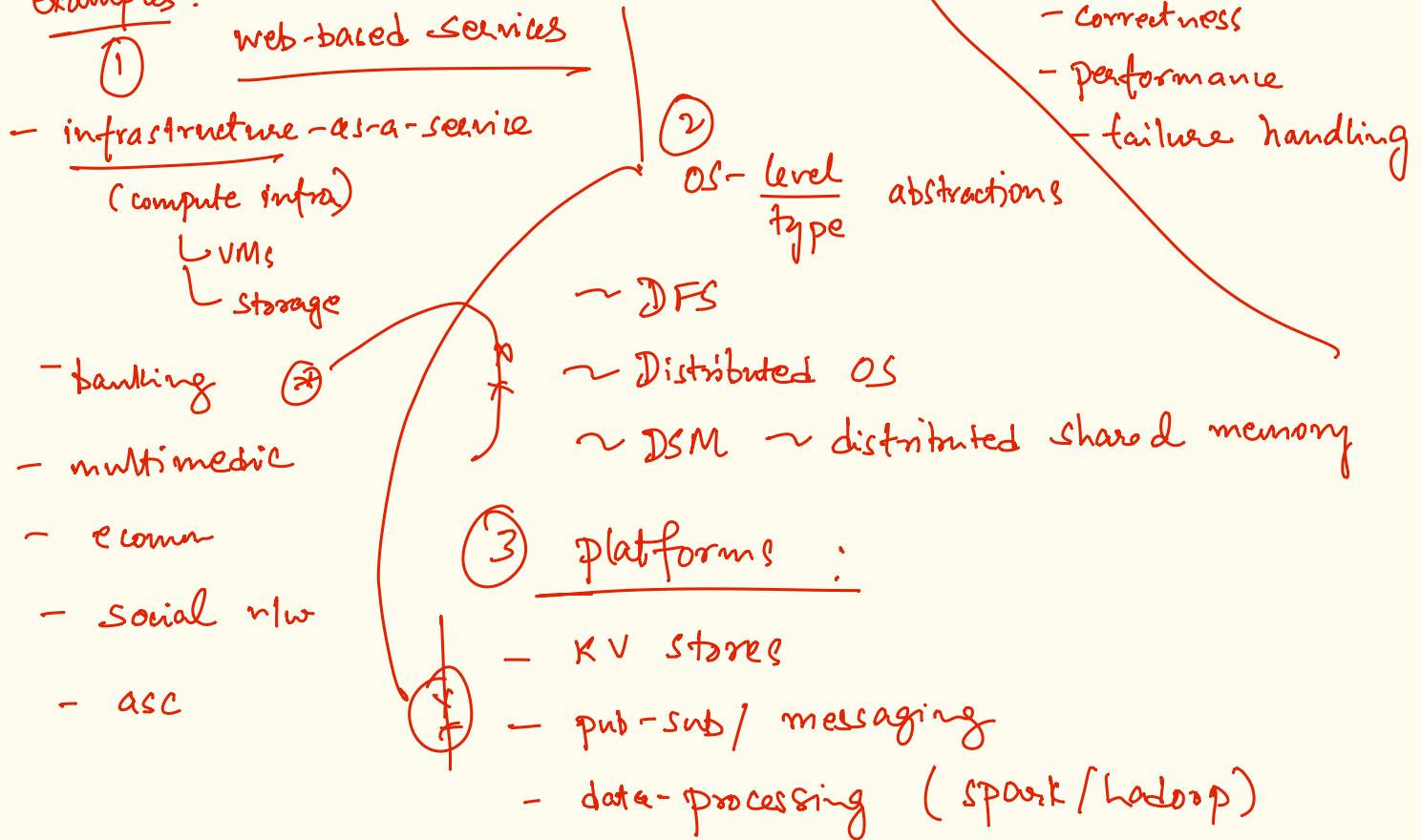
- ① Endsem exam
  - 21<sup>st</sup> Nov. 1.30pm (?)
- ② Project
  - 24/25/26/27(?) Nov.
  - demo, report, documentary, story book, movie...

what is a distributed system?

- collection (of interconnected) computational resources
- common task/activity/ to perform.

+ reqs. of any computing system

examples:

\* design principles:

- redundancy, replication, synchronization,
- load balancing, caching, prefetching, redirection
- ship data/app, naming/discovery

## # single-server web-services

