CI / CD Pipeline

In the Enterprise
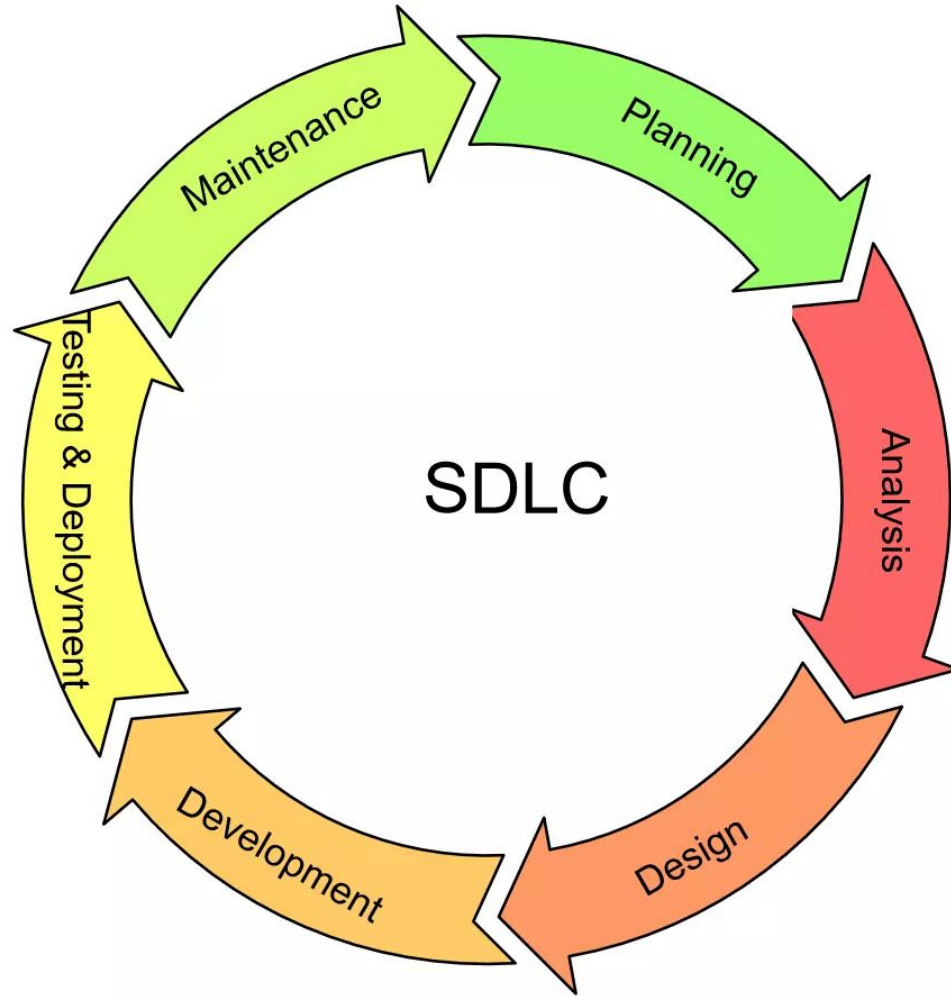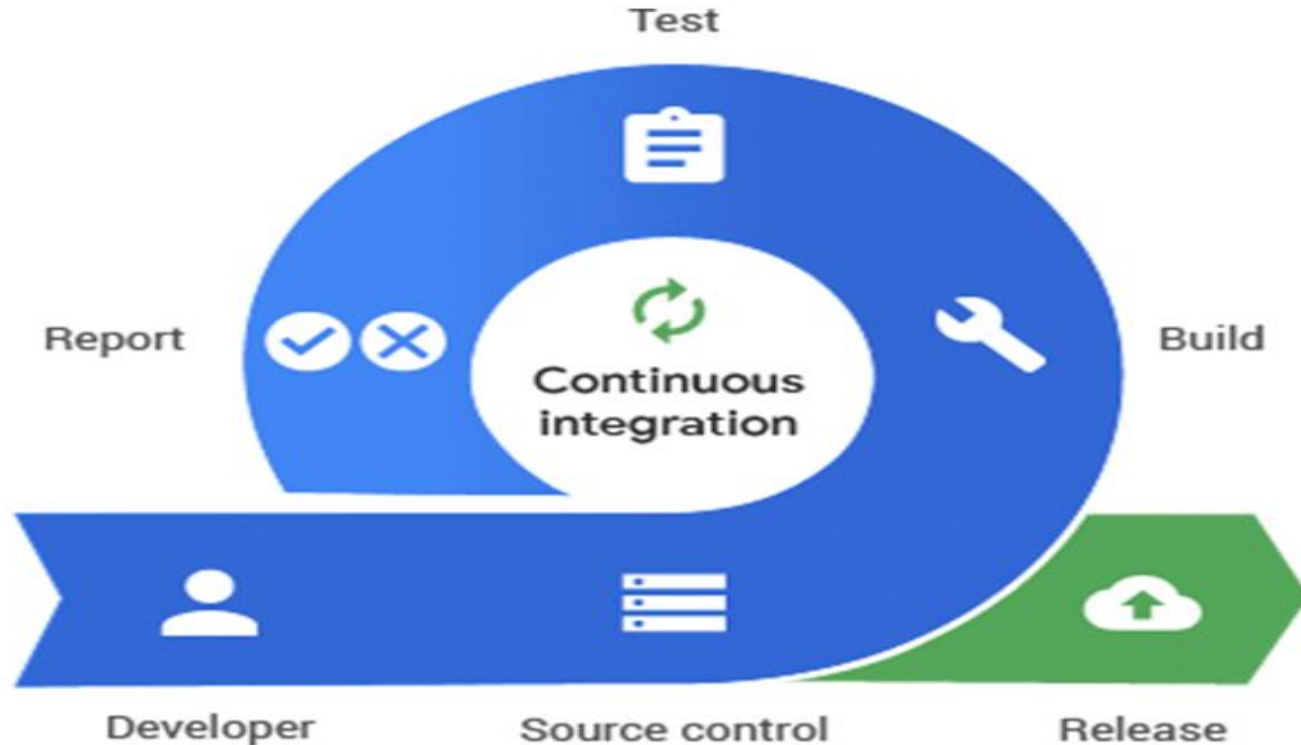
Class II - Summary

- CI / CD Pipeline
- Quick Linux Assessment
- Little Homework.

What is the Software Development Life Cycle?

- SDLC or the Software Development Life Cycle is a process that produces software with the highest quality and lowest cost in the shortest time possible.
- SDLC provides a well-structured flow of phases that help an organization to quickly produce high-quality software which is well-tested and ready for production use.

SDLC

Planning · Analysis · Design · Development · Testing & Deployment · Maintenance
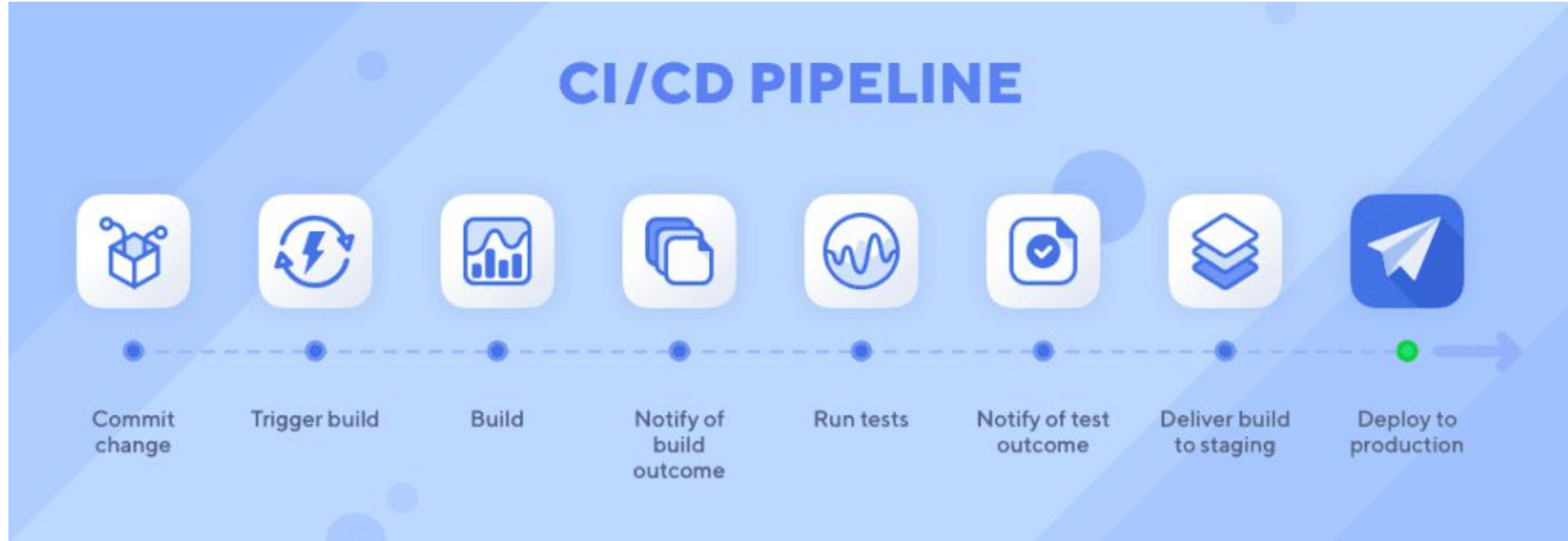
Continuous Integration

Continuous Deployment vs Continuous Delivery

CI / CD pipeline

Linux Assessment

Please resolve and paste your score:

- https://www.tutorialspoint.com/unix/unix_online_test.htm

Video Assignment

- Let's watch this video: https://www.youtube.com/watch?v=qiDIif7JVMo
    - Understand it and discuss.

Homework

- Using the VirtualBox SDK of the language you choose, create a CLI tool to manage your virtual machines
  - https://www.virtualbox.org/wiki/Downloads
  - https://pypi.org/project/pyvbox/
- The tool should
  - Create a VM
  - Delete a VM
  - Stand up a VM
- Push to Git

The Continuous Delivery Parts

Coming soon...