Quiz 4

List all 7 layers of OSI model?

* 7 – Applications
* 6 – Presentation
* 5 – Session
* 4 – Transport
* 3 – Network
* 2 – Data Link
* 1 – Physical

List the functions of the presentation layer?

* Transport, encrypt, compress

Give 3 examples of System Calls?

* Process Control: fork(), exit()
* File Management: open(), read()
* Device Management: ioctl(),

Define a system call?

* A system call is the programmatic way in which a computer program requests a service from the kernel of the operating system it is executed on.

What is Buffering?

* Buffering – storing data temporarily while it is being transferred

What is Caching?

* Caching – storing parts of data in faster storage for performance

What is Spooling?

* Spooling – the overlapping of output of one job with input of other jobs

List two types of Containers.

* Application Containers and System Containers

What is NIC?

* NIC – Network Interface Card

What is MAC address?

* MAC stands for Media Access Control. MAC address is the unique identifier assigned to NIC card for use in communication in Data Link layer.