Introduction to Operating Systems – 26.09.19

* Batch Processing: Processing tasks in batches of multiple loaded programs.
* Interrupt: Contextual stopping and saving of a program, so the computer can shift to processing a new task. Note: As the first program is saved, it can be continued at any time.
* Pseudo parallelism: The simulation of parallel processes using program interrupts and fast-processing speed. This leads to the façade of multiple processes happening at once.
* Parent – child: Threads: Parent waits for information from child
* ^ All share same address space. I.E access to same variables.
* Task Manager:
* Each process has a unique ID, processes can be assigned priorities.
* RAM: Random Access Memory: Volatile, memory destroyed when electricity is lost.
* Detailed explanation of Von Neumann system, (Read the Wikipedia. Better explanation)
* Virtualisation: The process of tricking programs, or processes into believing they are acting upon hardware. But are in fact acting on software that is acting like hardware.