# Homework 2

* Q1 **Virtual Box (does NOT work on mac with apple silicon)**
  + A) Picture of passwd file Tail
  + B) Picture of tail/ etc/group
  + C) Picture of file system as seen in example
* Q2 **Unix/Linux Permissions**
  + A) explain why alice can change Marks script
  + B) provide commands alice would use (provide screen shots)
* Q3 **5.5 from book (SQL statement**)
  + A) What is intent of statement?

It looks through a database for an ID that has the matching the forename and surname of John Smith.

* + B) With assumed, What is effect?

The new forename and stuff

* + C) New assumed, Effect this time?

The semicolon indicates end of the command and then it is overloading and adding the extra drop authors command to run on top.

The drop table authors— command would delete a table named authors.

* Q4 **Dynamic Queries**
  + A) given supposed, show SQL query

SELECT accounts FROM users WHERE login = ‘karen’ AND pass = ‘1q2w3e4r5t’ AND pin = ‘1234’

* + B) new supposed, what is new effect?

If the user adds OR 1 = 1 – then that would make it auto login as the SQL would try to login OR set it so that 1=1 which is always true.

* Q5 **Fire Suppression (Pros and Cons of each)**
  + A) Water Sprinkler

Pros:

Cons:

* + B) Dry Chemical (ie bicarbonate)
* Pros:
* Cons:
  + C) Halon
* Pros:
* Cons:
  + D) Argon
* Pros:
* Cons:
* Q6 **6.5 from book (Consider following, what type of Malware is this)**
* Q7 **6.6 from book (Consider following, what type of Malware is this)**
* Q8 **6.7 from the book (Given scenario, answer questions)**