

**COMP SCI 2211a**  
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**Assignment #1**

1.
  - a. What is an operating system?
    - An operating system is a control program for the computer which allocates computer resources, schedules tasks and provides an interface for the user.
  - b. What is a kernel of an operating system?
    - Manages the processes and resources of the computer as well as controls and hides the software.
  - c. What is a shell in Unix?
    - This is an interface between users and the kernel. It is the command line interpreter.
2.
  - a. What command do you use to create a directory?
    - mkdir is used to create a new directory as shown below

```
[[ealtoum@compute Asn]$ mkdir asn1  
[[ealtoum@compute Asn]$ ls
```

- b. What command do you use to create a file?
    - touch is used to create a file as shown below

```
[[ealtoum@compute ~]$ touch asn1
```