Computational Modelling Worksheet 1

## Question 1

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| Command | Output | Result |
| mkdir compphys | [no output] | Creates empty directory in current directory with name “compphys” |
| cd compphys | [no output] | Changes current directory to directory named “compphys” |
| cat > file1.txt [rtn] this is my first file [rtn][ctrl-c] | [no output] | Creates a new file named “file1.txt”, opens the new file and inserts string “this is my first file”, then closes the file |
| ls | file1.txt | Lists the contents of current directory, which is file1.txt only |
| more file1.txt | this is my first file | Prints the contents of the file “file1.txt” |
| xclock & | [new window containing graphical clock opens] | Opens a new window containing a graphic clock, with the current time displayed. Appending “&” to the end of the xclock command allows further shell commands to be entered without having to close the clock window. |
| whoami | sjd054 | Prints username of the user that entered the command |
| man ls | [The manual associated with ls command] | Prints the manual for the ls command |
| top | [System status information – Memory availability, processor load, and individual process information] | Prints the system status information |
| kill [PID] | [no output] | Kills the process with given PID number. |
| ps –u sjd054 | [Table of PID, TTY,TIME,CMD – lists processes running under given username] | Prints a table listing all processes running under a given username. PID can be used to kill a process. |