2XC3 Major Lab 2

Task 1:

Run script1-prep

```
[andradk@moore ~] ./script1-prep
Major lab 2: bash script named script1-prep
script1-prep: The current date and time is 2023-10-26 14:51:42
[andradk@moore ~] ls
2xc3  A2  A4   hello  lab1c  lab2b  majorlab1  __pycache__  script1-prep
A1    A3  a.c  lab1b  lab2a  lab2c  MYDIR      script1      shell
[andradk@moore ~] ls A1
file1  file2  file3
[andradk@moore ~] ls A2
[andradk@moore ~] ls A3
[andradk@moore ~] ls A4
file4  file5
```

Run script1 without argaman

```
[andradk@moore ~] ./script1
Major lab 2: bash script named script1
Please enter your name:
Kyle
Hello, Kyle. Welcome to the script!
wrong number of command line arguments, execution aborted
```

Run script1 A1 A2 A3 A4

```
[andradk@moore ~] ./script1 A1 A2 A3 A4
Major lab 2: bash script named script1
Please enter your name:
Kyle
Hello, Kyle. Welcome to the script!
Directory A4 has been deleted
The source directory is A1 (YES/NO)
YES
The destination directories are A2 and A3 (YES/NO)
YES
moving files from A1 to A2, A3
[andradk@moore ~] ls
2xc3  A2  a.c    lab1b  lab2a  lab2c      MYDIR        script1
A1    A3  hello  lab1c  lab2b  majorlab1  __pycache__  script1-prep
[andradk@moore ~] ls A1
[andradk@moore ~] ls A2
file1
[andradk@moore ~] ls A3
file2  file3
```

Task 2:

Run script2

```
[andradk@moore ~] ./script2
gcc -c testA.c
tr 'A' 'B' < testA.c > testB.c
gcc -c testB.c
tr 'A' 'C' < testA.c > testC.c
gcc -c testC.c
gcc -o Complete test.c testA.o testB.o testC.o
The Operating System has three layers: A, B, and C
Layer A
Layer A: is running successfully
Layer B
Layer B: is running successfully
Layer C
Layer C: is running successfully
```