

2XC3 Major Lab 1

script1:

Checking Operating System info when run the script: run ./script1 without argaman

```
[andrak@moore ~] ./script1
script1: Operating System is Linux moore 3.10.0-1160.88.1.el7.x86_64 #1 SMP Sat Feb 18 13:27:00 UTC 2023 x86_64 x86_64 x
86_64 GNU/Linux
Major lab 1: bash script named script1
script1: wrong number of command line arguments
usage -- script1 <dirname>
```

A sample run script1 MYDIR when a directory MYDIR does not exist

```
[andrak@moore ~] ./script1 MYDIR
script1: Operating System is Linux moore 3.10.0-1160.88.1.el7.x86_64 #1 SMP Sat Feb 18 13:27:00 UTC 2023 x86_64 x86_64 x
86_64 GNU/Linux
Major lab 1: bash script named script1
script1: MYDIR directory does not exist, creating it
script1: putting 3 required files in MYDIR
```

A sample run script1 MYDIR when a directory MYDIR exist but empty

```
[andrak@moore ~] ./script1 MYDIR
script1: Operating System is Linux moore 3.10.0-1160.88.1.el7.x86_64 #1 SMP Sat Feb 18 13:27:00 UTC 2023 x86_64 x86_64 x
86_64 GNU/Linux
Major lab 1: bash script named script1
script1: MYDIR directory exists and is empty
script1: putting 3 required files in MYDIR
```

A sample run script1 MYDIR when the directory MYDIR exists and contains two regular files file1 and file2 and a subdirectory MYDIR2

```
[andrak@moore ~] ./script1 MYDIR
script1: Operating System is Linux moore 3.10.0-1160.88.1.el7.x86_64 #1 SMP Sat Feb 18 13:27:00 UTC 2023 x86_64 x86_64 x
86_64 GNU/Linux
Major lab 1: bash script named script1
script1: MYDIR directory exists, is non-empty, emptying it
script1: contents of directory MYDIR
file1 file2 MYDIR2
script1: removing regular files from MYDIR
removing regular file file1 from MYDIR
removing regular file file2 from MYDIR
script1: putting 3 required files in MYDIR
```

script2:

Run ./script2 without any argaman

```
[andrak@moore ~] ./script2
script2: The current date and time is 2023-10-05 15:47:52
script2: Operating system is Linux moore 3.10.0-1160.88.1.el7.x86_64 #1 SMP Sat Feb 18 13:27:00 UTC 2023 x86_64 x86_64 x
86_64 GNU/Linux
Major lab 1: bash script named script2
script2: wrong number of command line arguments
usage -- script2 <friend_name>
```

Run ./script2 User5

```
[andrak@moore ~] ./script2 User5
script2: The current date and time is 2023-10-05 15:48:28
script2: Operating system is Linux moore 3.10.0-1160.88.1.el7.x86_64 #1 SMP Sat Feb 18 13:27:00 UTC 2023 x86_64 x86_64 x
86_64 GNU/Linux
Major lab 1: bash script named script2
script2: no applicable name supplied
```

Run ./script2 User2

```
[andrak@moore ~] ./script2 User2
script2: The current date and time is 2023-10-05 15:48:53
script2: Operating system is Linux moore 3.10.0-1160.88.1.el7.x86_64 #1 SMP Sat Feb 18 13:27:00 UTC 2023 x86_64 x86_64 x
86_64 GNU/Linux
Major lab 1: bash script named script2
script2: User2's welcome
Hello User2, you are now part of the team
```

script3:

Sample run

```
[andrak@moore ~] ./script3
01000011 01101111 01101101 01110000 01110101 01110100 01100101 01110010 00100000 01110011 01100101 01100011 01110101 011
10010 01101001 01110100 01111001 00101100 00100000 01100011 01111001 01100010 01100101 01110010 00100000 01110011 011001
01 01100011 01110101 01110010 01101001 01110100 01111001 00101100 00100000 01100100 01101001 01100111 01101001 01110100
01100001 01101100 00100000 01110011 01100101 01100011 01110101 01110010 01101001 01110100 01111001 00101100 00100000 011
01111 01110010 00100000 01101001 01101110 01100110 01101111 01110010 01101101 01100001 01110100 01101001 01101111 011011
10 00100000 01110100 01100101 01100011 01101000 01101110 01101111 01101100 01101111 01100111 01111001 00100000 01110011
01100101 01100011 01110101 01110010 01101001 01110100 01111001 00100000 01101001 01110011 00100000 01110100 01101000 011
00101 00100000 01110000 01110010 01101111 01110100 01100101 01100011 01110100 01101001 01101111 01101110 00100000 011011
11 01100110 00100000 01100011 01101111 01101101 01110000 01110101 01110100 01100101 01110010 00100000 01110011 01111001
01110011 01110100 01100101 01101101 01110011 00100000 01100001 01101110 01100100 00100000 01101110 01100101 01110100 011
10111 01101111 01110010 01101011 01110011 00100000 01100110 01110010 01101111 01101101 00100000 01100001 01110100 011101
00 01100001 01100011 01101011 01110011 00100000 01100010 01111001 00100000 01101101 01100001 01101100 01101001 01100011
01101001 01101111 01110101 01110011 00100000 01100001 01100011 01110100 01101111 01110010 01110011 00101110
```