

Lassonde School of Engineering

EECS 2032

LAB 1

Lab Objectives

To introduce students to bash scripting.

Note: In this lab, and the following ones when I do an example, blue text is what you type, red text is the computer response

Problem 1

Write a bash script to display the number of command line arguments used in running the script.

The script is called lab1_1.sh. If ran as

bash lab1_1.sh abc def ghi kl (or just lab1_1.sh abc def ghi kl)

it displays

The number of arguments is 4

Where there is only one space between each two words, and a new line after “4”

Problem 2

Write a bash script that displays the command line parameters starting from third argument to the last.

The file name is lab1_2.sh

for example

bash lab1_2.sh aaa bbb ccc ddd eee fff ggg hhh

ccc ddd eee fff ggg hhh

The line ends with a new line

Problem 3

Write a bash script that reads some data items (separated by space) from the standard input and display the items starting from the third to the last one. Name the file lab1_3.sh

for example

```
bash lab1_23sh
```

```
aaa bbb ccc ddd eee ggg
```

```
ccc ddd eee fff ggg
```

The line ends with a new line