

# *Compara\_Lists*

## Motivation

My main motivation for this script was reproducibility and replicability, when comparing list of IDs. Mainly, I wanted to make sure that students evaluating different files used the same set of commands, thus eliminating any possibility of error.

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## Documentation

ARAMAYO\_LAB

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SCRIPT\_NAME: Compara\_Lists\_v01.sh  
SCRIPT\_VERSION: v1.0.0

USAGE: ./Compara\_Lists\_v01.sh  
-a List A # REQUIRED input (e.g., listA)  
-A List A Name # OPTIONAL (e.g., listA)  
-b List B # REQUIRED input (e.g., listB)  
-B List B Name # OPTIONAL (e.g., listB)

TYPICAL COMMAND: Compara\_Lists\_v1.0.1.sh -a listA -A listA -b listB -B listB

INPUT01: -a FLAG REQUIRED input (e.g., listA)  
INPUT01\_DEFAULT: No Default. ListA file must be provided  
INPUT01\_FORMAT: Text file  
INPUT01\_NOTES: Single column text file

INPUT02: -A FLAG OPTIONAL (ListA\_Label)  
INPUT02\_DEFAULT: listA  
INPUT02\_FORMAT: Text  
INPUT02\_NOTES: Optional

INPUT03: -b FLAG REQUIRED input (e.g., listB)  
INPUT03\_DEFAULT: No Default. ListB file must be provided  
INPUT03\_FORMAT: Text file  
INPUT03\_NOTES: Single column text file

INPUT04: -B FLAG OPTIONAL (ListB\_Label)

INPUT04_DEFAULT:	listB
INPUT04_FORMAT:	Text
INPUT04_NOTES:	Optional
DEPENDENCIES:	GNU COREUTILS Required ( <a href="https://www.gnu.org/software/coreutils/">https://www.gnu.org/software/coreutils/</a> )
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## Development/Testing Environment:

Distributor ID:	Ubuntu
Description:	Ubuntu 20.04.4 LTS
Release:	20.04
Codename:	focal

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## Required Script Dependencies:

GNU COREUTILS (<https://www.gnu.org/software/coreutils/>)

Tested With Version Numbers:

- 8.30

```
comm (GNU coreutils) 8.30
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```

Written by Richard M. Stallman and David MacKenzie.

- 8.32

```
comm (GNU coreutils) 8.32
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```

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