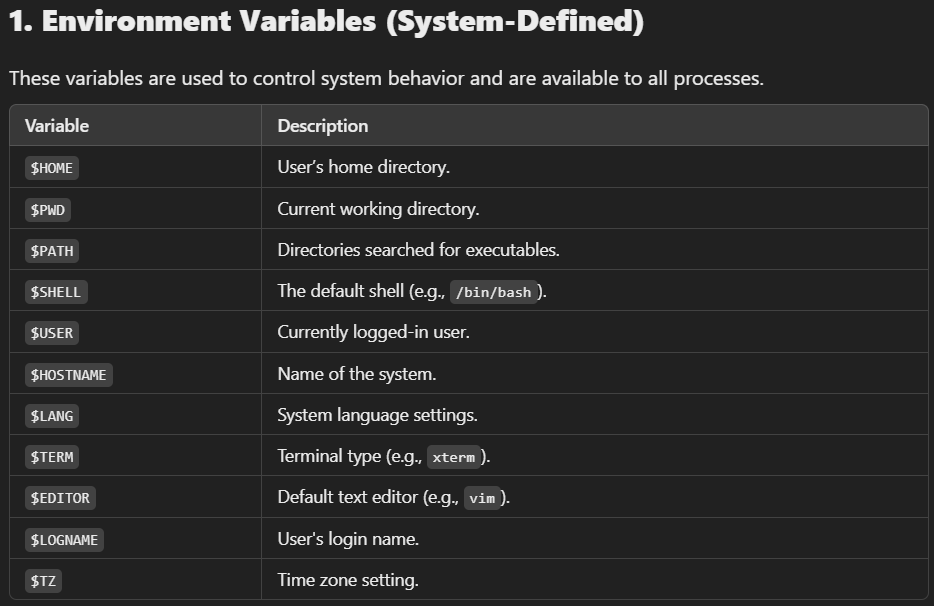
**Basic Terminal Navigation Commands**

* **ls**: To get the list of all the files or folders.
* **ls -l:**Optional flags are added to **ls**to modify default behavior. Displays files in **long listing format** (permissions, owner, size, date, etc.) **-l**is used for **“long” output**
* **ls -a:**Shows **all** files, including hidden files (files starting with .), add **-a flag**
* **ls -h:** Shows file sizes in a human-readable format (KB, MB, GB instead of bytes).
* **ls -alh:** It is a combination of multiple options.
* **cd**: Used to change the directory.
* **du**: Show disk usage.
* **pwd**: Show the present working directory.
* **man**: Used to show the manual of any command present in Linux.
* **rmdir**: It is used to delete a directory if it is empty.
* **ln file1 file2**: Creates a physical link.
* **ln -s file1 file2**: Creates a symbolic link.
* **locate:**It is used to locate a file in Linux System
* **echo:**This command helps us move some data, usually text into a file.
* **df:**It is used to see the available disk space in each of the partitions in your system.
* **tar:**Used to work with tarballs (or files compressed in a tarball archive)
* **wc:** Used to count the number of characters, words in a file.
* **sort:** This command is used to sort the contents of files.
* **grep:** This command is used to search for the specified text in a file.
* **head:** Used to print the first N lines of a file. It accepts N as input and the default value of N is 10.
* **tail:** Used to print the last N-1 lines of a file. It accepts N as input and the default value of N is 10.
* **more:** It is a filter for paging through text one screenful at a time.
* **less:** It is used to viewing the files instead of opening the file. Similar to more command but it allows backward as well as forward movement.

A table with text on it

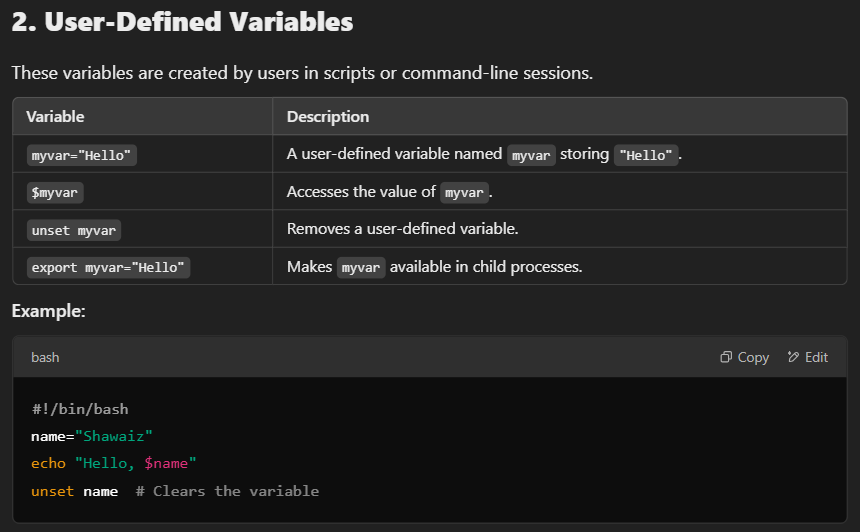
AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A black background with white text

AI-generated content may be incorrect.



A screenshot of a black screen

AI-generated content may be incorrect.



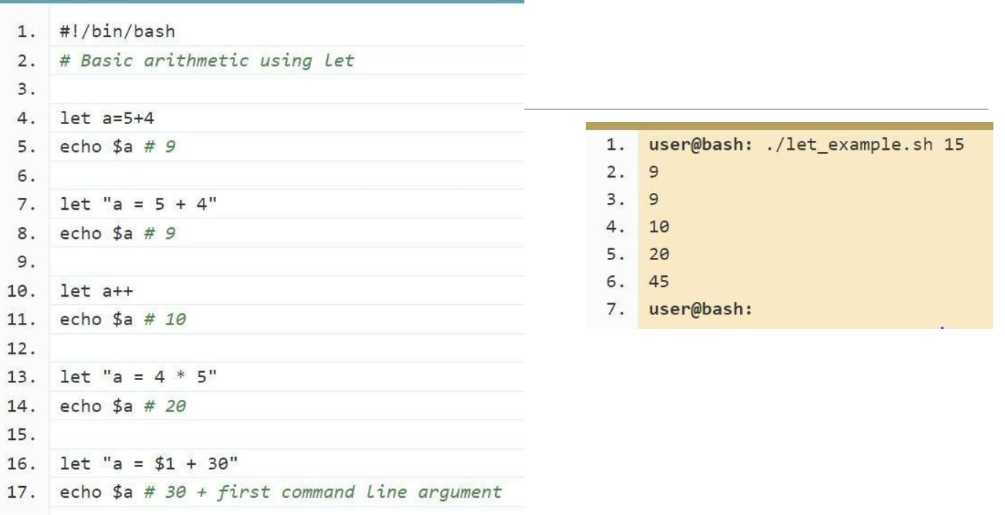
Two commonly used options however are **-p** which allows you to specify a prompt and **-s** which makes the input silent.

A screenshot of a computer program

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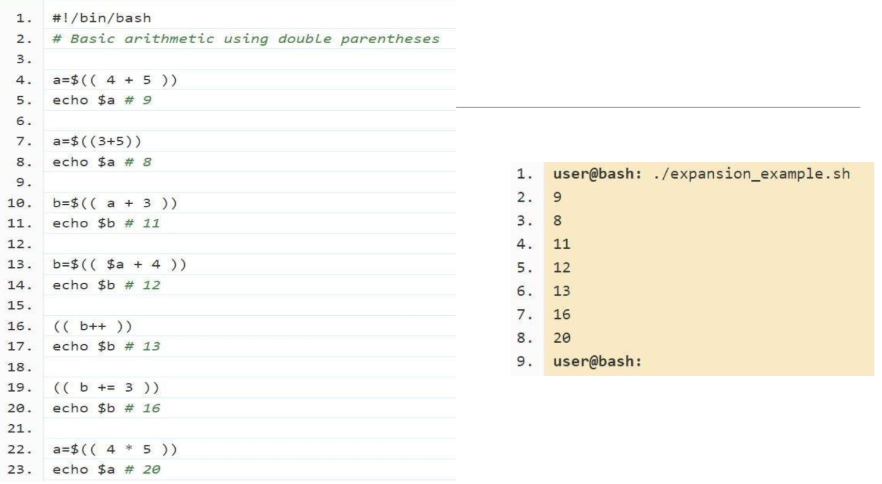
A screenshot of a computer

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A screenshot of a computer

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A screenshot of a white text box

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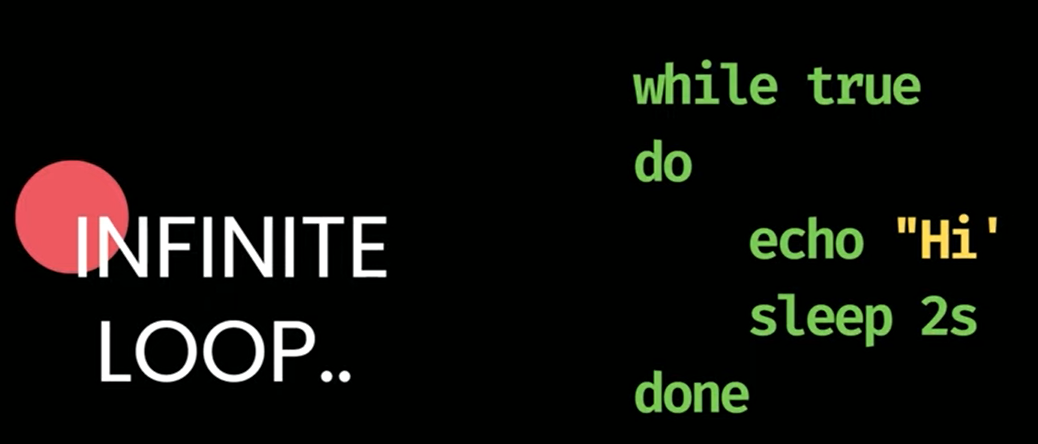


A screenshot of a computer program

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A screenshot of a computer code

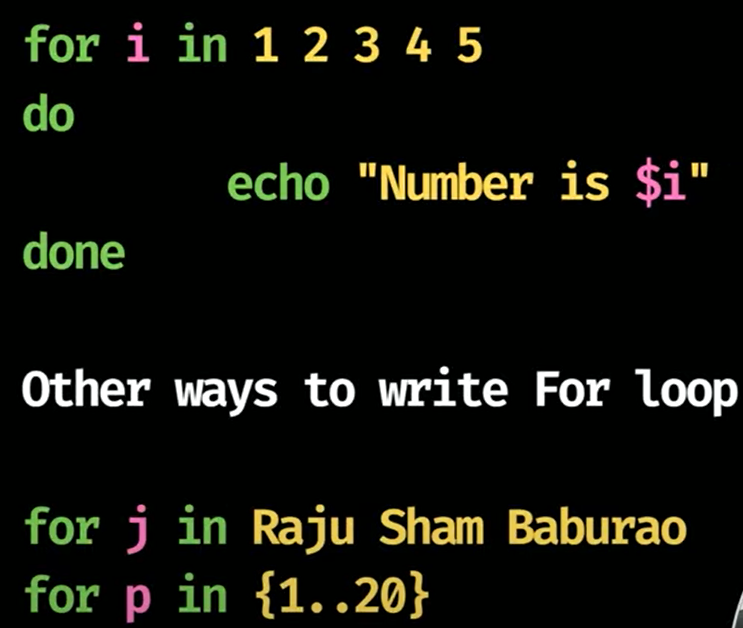
AI-generated content may be incorrect.Loop until the condition is false, as soon as the condition becomes true, the loop exits.



Ctrl + C to exit the infinite loop

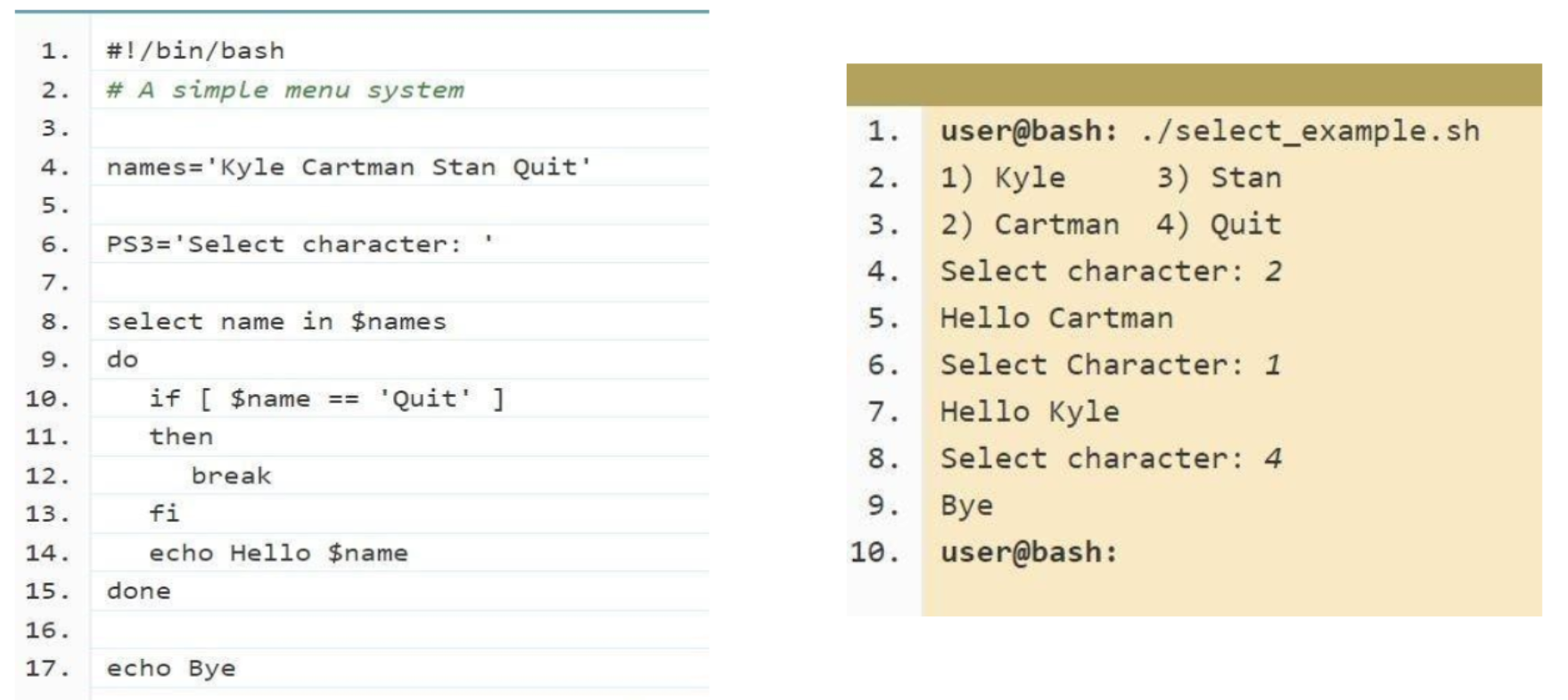
A black background with white text

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1. Range in numbers

2. String range

3. Define range using wild card



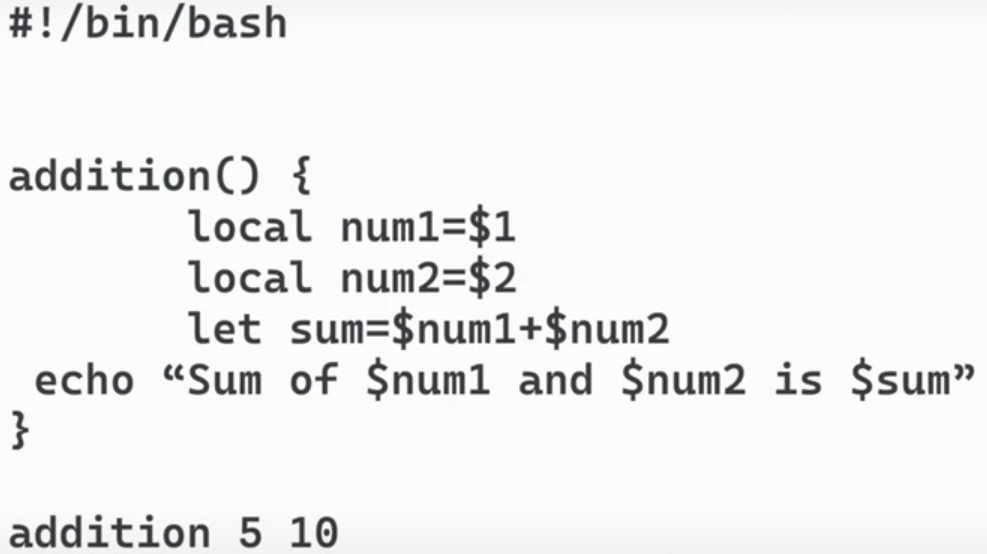
A close-up of a white background

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A screenshot of a computer code

AI-generated content may be incorrect.





A black screen with white text

AI-generated content may be incorrect.

Show step by step whats happening in code.

A screenshot of a computer code

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A screenshot of a computer code

AI-generated content may be incorrect.

A black background with colorful text

AI-generated content may be incorrect.

A black background with white and pink text

AI-generated content may be incorrect.