**Connecting to Remote Desktop(Linux)**

First we open Kali and type:

sudo service xrdp start

and then we find our ip address by typing ip add

then we take our ip address and put it in the Remote Desktop Connection prompt

cat is used to display the content of a file. 🡺cat text.txt 🡺Hello world

echo command is used to write arguments to the standard output. It just echoes whatever you pass as an argument.

**Grep**

The grep command searches the given input files for lines containing a match to the given PATTERN.



-i: --ignore-case ignores case distinctions.

**VI and VIM**

Vi is the standard and the original full-screen text editor of the Linux family which was originally designed for UNIS systems. Vim is an enhanced version of the vi editor written and maintained by Bram Moolenaar. Vim means 'vi improved'. Vim commands and their syntax are fully compatible with vi. Vi stands for Visual. It is a text editor that is an early attempt to a visual text editor. Vim stands for Vi IMproved. It is an implementation of the Vi standard with many additions. It is the most commonly used implementation of the standard. Most Linux distributions come with Vim already installed.

Vi or vim filename – creates a file 🡺

 Or 

**Flags and options**

"Flags" specifically, are Boolean arguments, set by the mere inclusion of the command-line argument, with no additional data needed or allowed for the argument. If you include the argument/option/flag, it counts as "true" and if you exclude it, it counts as "false".

An option can itself take an argument (e.g.,--color=always ), or occasionally multiple arguments. "Flags" are, in my experience, the same as options, but usually do not take arguments themselves and essentially represent boolean on-off switches.