# VI Reference

* To execute this command, just type in **vi <optional file name>**
* To quit VI, type in :q
* If you’ve made changes, and don’t want to save, force quit :q!
* To save your changes and quit :wq
* VI has different modes. If you’re in a mode, you can press the ESC key to quit that mode
* For moving around:
  + h,j,k,l keys
  + arrow keys
* Move around multiple lines
  + w, e, b
* Move around to specific lines
  + G, gg, and specify a line
* To insert, type the i key
* To append, type the a key
* Deleting
  + x, dw, dd (dd is the entire line)

Let’s install the GNU C Compiler. This compiler is called gcc. To install, run the following command: **sudo apt install gcc**

* Open up VI on a new file called hello.c
* Write the following
* **Text

  Description automatically generated**
* Save and quite (:wq), and compile it:
  + **gcc -o hello hello.c**
* To run it, enter the following:
  + ./hello

# Other commands

* grep
* find
* ps
* top
* df
* du
* who
* w
* which
* alias/unalias
* mail
* ping
* ip addr
* shutdown