



***UNIX AND LINUX**

ESSENTIALS*

ASSIGNMENT -11

SUBMITTED BY:

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B.C.A -I.O.T.

- VI version check

```
root@kali: ~/Desktop/A
root@kali: ~/Desktop/A 75x27
root@kali:~/Desktop/A# vi --version
VIM - Vi IMproved 8.2 (2019 Dec 12, compiled Mar 02 2021 02:58:09)
Included patches: 1-2434
Modified by team+vim@tracker.debian.org
Compiled by team+vim@tracker.debian.org
Huge version without GUI. Features included (+) or not (-):
+acl                -farsi              +mouse_sgr          +tag_binary
+arabic             +file_in_path       -mouse_sysmouse     -tag_old_static
+autocmd            +find_in_path       +mouse_urxvt        -tag_any_white
+autochdir          +float              +mouse_xterm         -tcl
-autoservername      +folding            +multi_byte         +termguicolors
-balloon_eval        -footer             +multi_lang          +terminal
+balloon_eval_term  +fork()             -mzscheme           +terminfo
-browse             +gettext            +netbeans_intg       +termresponse
++builtin_terms      -hangul_input       +num64               +textobjects
+byte_offset         +iconv              +packages            +textprop
+channel            +insert_expand      +path_extra          +timers
+cindent            +ipv6               -perl                +title
-clientserver        +job                +persistent_undo     +toolbar
-clipboard          +jumplist           +popupwin            +user_commands
+cmdline_compl      +keymap             +postscript          +varargs
+cmdline_hist       +lambda            +printer              +vertsplits
+cmdline_info       +langmap            +profile             +virtualedit
+comments           +libcall            -python              +visual
+conceal            +linebreak          -python3             +visualextra
+cryptv             +listpending        +quickfix            +vminfo
+cscope             +listcmds           +reltime             +vreplace
+cursorcolumn       +localmap           +rightleft           +wildignore
```

- Vi help

```

root@kali: ~/Desktop/A
root@kali: ~/Desktop/A 81x28
root@kali:~/Desktop/A# vi --help
VIM - Vi IMproved 8.2 (2019 Dec 12, compiled Mar 02 2021 02:58:09)

Usage: vim [arguments] [file ..]      edit specified file(s)
      or: vim [arguments] -           read text from stdin
      or: vim [arguments] -t tag       edit file where tag is defined
      or: vim [arguments] -q [errorfile] edit file with first error

Arguments:
--                Only file names after this
-v               Vi mode (like "vi")
-e               Ex mode (like "ex")
-E               Improved Ex mode
-s               Silent (batch) mode (only for "ex")
-d               Diff mode (like "vimdiff")
-y               Easy mode (like "evim", modeless)
-R               Readonly mode (like "view")
-Z               Restricted mode (like "rvim")
-m               Modifications (writing files) not allowed
-M               Modifications in text not allowed
-b               Binary mode
-l               Lisp mode
-C               Compatible with Vi: 'compatible'
-N               Not fully Vi compatible: 'nocompatible'
-V[N][fname]    Be verbose [level N] [log messages to fname]
-D               Debugging mode
-n               No swap file, use memory only
-r               List swap files and exit

```

- Vi clean

```

root@kali: ~/Desktop/A
root@kali: ~/Desktop/A 81x28

VIM - Vi IMproved

        version 8.2.2434
        by Bram Moolenaar et al.
    Modified by team+vim@tracker.debian.org
    Vim is open source and freely distributable


        Help poor children in Uganda!

type  :help iccf<Enter>          for information

type  :q<Enter>                  to exit
type  :help<Enter> or <F1>       for on-line help
type  :help version8<Enter>     for version info


0,0-1 All

```

- Start Up time

```

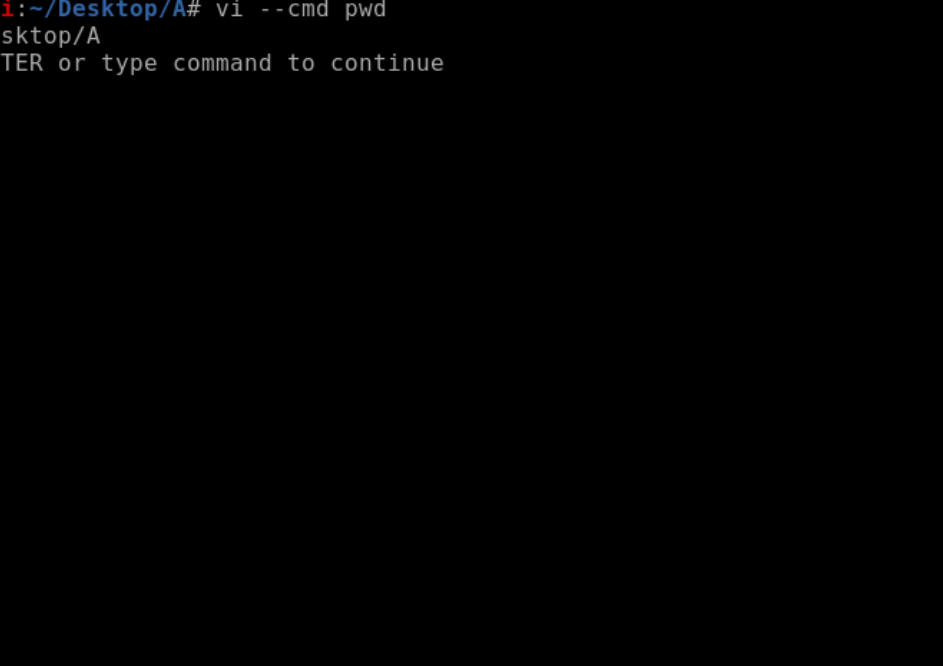
root@kali: ~/Desktop/A
root@kali: ~/Desktop/A 81x28
root@kali:~/Desktop/A# vi --startuptime time.txt
root@kali:~/Desktop/A# ls
a.txt ayush.txt Ayush.txt b.txt time.txt
root@kali:~/Desktop/A# cat time.txt

times in msec
clock  self+sourced  self:  sourced script
clock  elapsed:      other lines

000.003 000.003: --- VIM STARTING ---
000.069 000.066: Allocated generic buffers
000.113 000.044: locale set
000.115 000.002: window checked
000.342 000.227: inits 1
000.361 000.019: parsing arguments
000.362 000.001: expanding arguments
000.369 000.007: shell init
000.508 000.139: Termcap init
000.518 000.010: inits 2
000.597 000.079: init highlight
015.185 002.564 002.564: sourcing /usr/share/vim/vim82/debian.vim
015.234 014.603 012.039: sourcing $VIM/vimrc
019.289 003.912 003.912: sourcing /usr/share/vim/vim82/filetype.vim
019.345 000.023 000.023: sourcing /usr/share/vim/vim82/ftplugin.vim
019.397 000.022 000.022: sourcing /usr/share/vim/vim82/indent.vim
020.026 000.480 000.480: sourcing /usr/share/vim/vim82/syntax/syncolor.vim
020.094 000.584 000.104: sourcing /usr/share/vim/vim82/syntax/synload.vim

```

- Execute command before opening



The screenshot shows a terminal window with a title bar that reads "root@kali: ~/Desktop/A". The terminal has a red header bar with the text "root@kali: ~/Desktop/A 81x28". Below the header, the prompt "root@kali:~/Desktop/A#" is followed by the command "vi --cmd pwd". The output of the command is "/root/Desktop/A". Below the output, the text "Press ENTER or type command to continue" is displayed. The terminal background is black, and the text is white.

- Execute after the first file

```

root@kali: ~/Desktop/A
root@kali: ~/Desktop/A 81x28

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Modified by team+vim@tracker.debian.org
Vim is open source and freely distributable

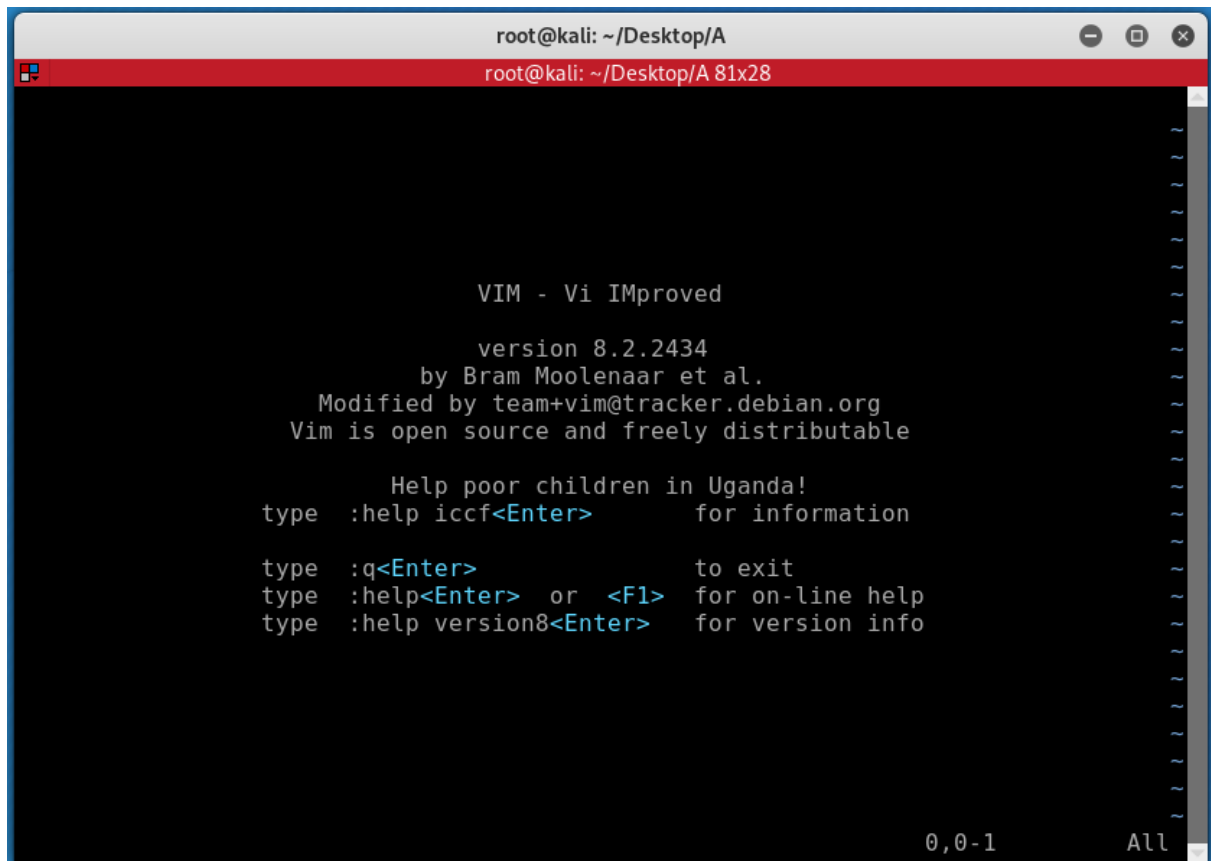
Sponsor Vim development!
type  :help sponsor<Enter>    for information

type  :q<Enter>                to exit
type  :help<Enter> or <F1>    for on-line help
type  :help version8<Enter>   for version info

/root/Desktop/A 0,0-1 All

```

- Start in Arabic mode



The screenshot shows a terminal window titled "root@kali: ~/Desktop/A". The terminal displays the Vim startup screen in Arabic mode. The text is as follows:

```
root@kali: ~/Desktop/A
root@kali: ~/Desktop/A 81x28

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Help poor children in Uganda!
type  :help iccf<Enter>      for information

type  :q<Enter>              to exit
type  :help<Enter> or <F1>   for on-line help
type  :help version8<Enter> for version info

0,0-1 All
```