

## Question

Configure your system in such a way that when a user type and executes a describe command from anywhere of the system it must list all the files and folders of the user's current directory.

Ex:- \$ describe

\$ content1 content2

Content3 content 4

## My Approach

I solve this problem using the concept of Global Alias.

**Step 1 : Open Terminal**

**Step 2 : Become Root**

Command = `sudo -i`

```
sigmoid@sigmoid-ThinkPad-T450:~$ sudo -i  
[sudo] password for sigmoid:
```

**Step 3: Open File /etc/bash.bashrc**

Command = `nano /etc/bash.bashrc`

```
root@sigmoid-ThinkPad-T450:~# nano /etc/bash.bashrc
```

**Step 4: Add line  
(alias describe='ls' )  
in the file and save it.**



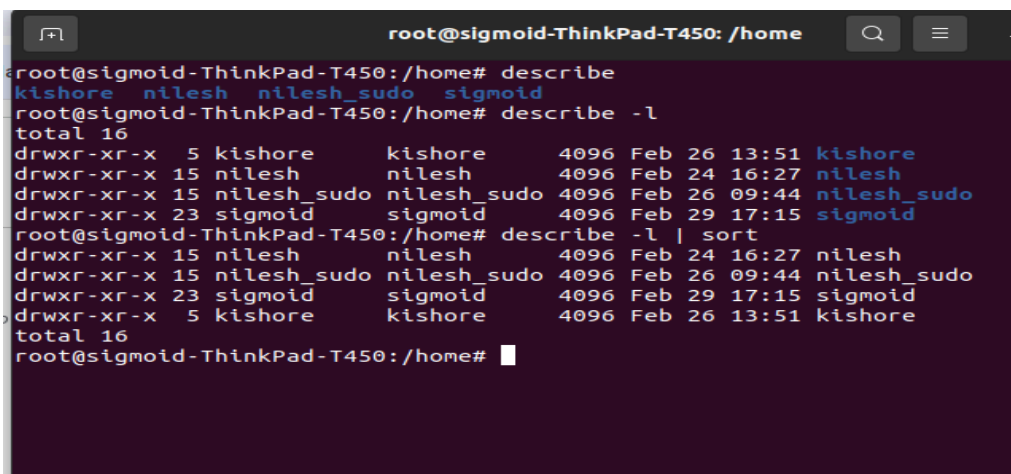
```
GNU nano 4.8 /etc/bash.bashrc
function command_not_found_handle {
    # check because c-n-f could've been removed in the meantime
    if [ -x /usr/lib/command-not-found ]; then
        /usr/lib/command-not-found -- "$1"
        return $?
    elif [ -x /usr/share/command-not-found/command-not-found ]; then
        /usr/share/command-not-found/command-not-found -- "$1"
        return $?
    else
        printf "%s: command not found\n" "$1" >&2
        return 127
    fi
}

# Global alias
alias describe='ls'
alias pl='pwd'
```

^G Get Help ^O Write Out ^W Where Is ^K Cut Text ^J Justify ^C Cur Pos  
^X Exit ^R Read File ^\ Replace ^U Paste Text ^T To Spell ^\_ Go To Line

Now Global alias is set go and run it anywhere It will list directory contents just like ls command.

## Example



```
root@sigmoid-ThinkPad-T450: /home
root@sigmoid-ThinkPad-T450:/home# describe
kishore nilesh nilesh_sudo sigmoid
root@sigmoid-ThinkPad-T450:/home# describe -l
total 16
drwxr-xr-x  5 kishore      kishore      4096 Feb 26 13:51 kishore
drwxr-xr-x 15 nilesh       nilesh       4096 Feb 24 16:27 nilesh
drwxr-xr-x 15 nilesh_sudo nilesh_sudo 4096 Feb 26 09:44 nilesh_sudo
drwxr-xr-x 23 sigmoid     sigmoid     4096 Feb 29 17:15 sigmoid
root@sigmoid-ThinkPad-T450:/home# describe -l | sort
drwxr-xr-x 15 nilesh       nilesh       4096 Feb 24 16:27 nilesh
drwxr-xr-x 15 nilesh_sudo nilesh_sudo 4096 Feb 26 09:44 nilesh_sudo
drwxr-xr-x 23 sigmoid     sigmoid     4096 Feb 29 17:15 sigmoid
drwxr-xr-x  5 kishore      kishore      4096 Feb 26 13:51 kishore
total 16
root@sigmoid-ThinkPad-T450:/home#
```