

Software Engineering Homework – 3

Vim

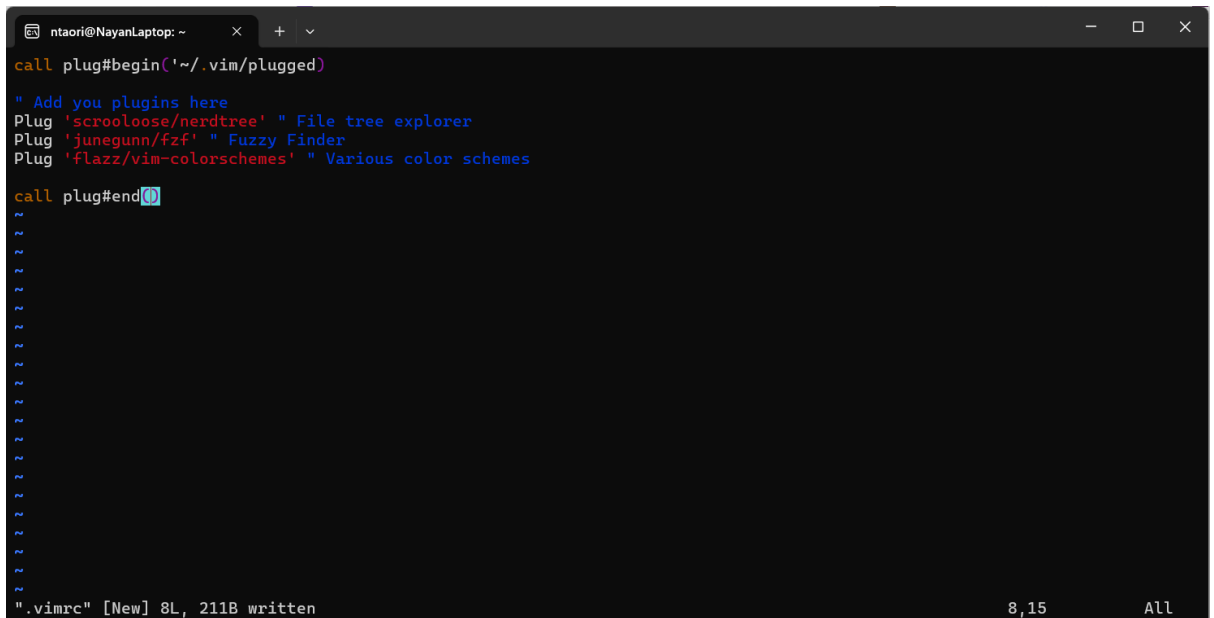
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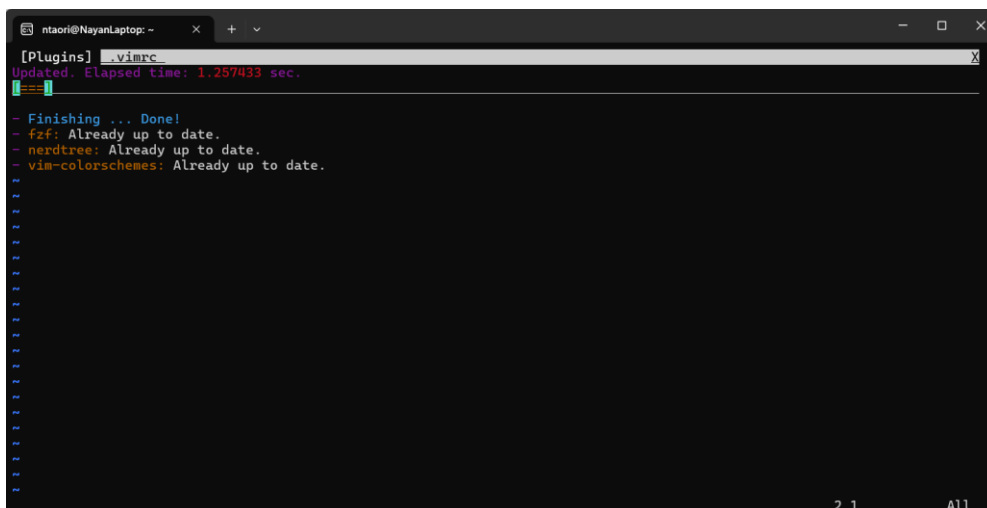
Installing and operating plugins on Vim and their screenshot:

1. First step was installing WSL and Ubuntu on the local system.
2. In Ubuntu, installed **Vim** using the commands `sudo apt install vim`.
3. Now editing the `.vimrc` file and adding the names and sources for the plugins to be installed.



```
ntaori@NayanLaptop: ~  
call plug#begin('~/.vim/plugged')  
" Add you plugins here  
Plug 'scrooloose/nerdtree' " File tree explorer  
Plug 'junegunn/fzf' " Fuzzy Finder  
Plug 'flazz/vim-colorschemes' " Various color schemes  
call plug#end
```

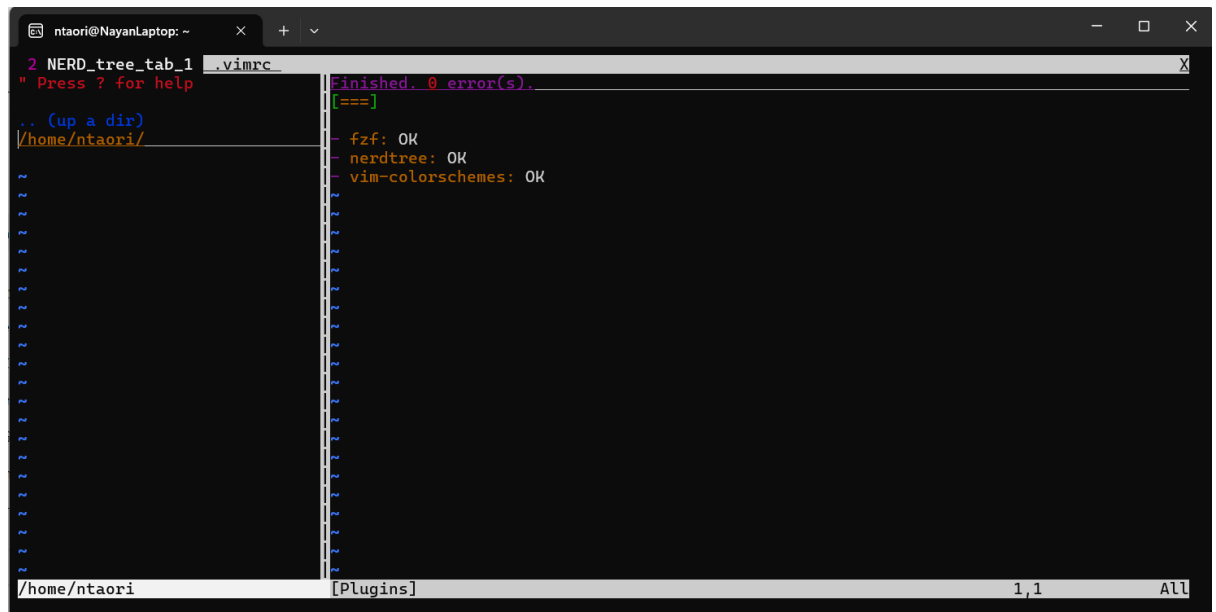
The screenshot shows a terminal window with the Vim configuration for plugins. The user has defined a plugin manager section in the `.vimrc` file, listing `nerdtree`, `fzf`, and `vim-colorschemes`. The status bar at the bottom indicates the file is new and 8 lines, 211 bytes were written.



```
[Plugins] ..vimrc  
Updated. Elapsed time: 1.257433 sec.  
- Finishing ... Done!  
- fzf: Already up to date.  
- nerdtree: Already up to date.  
- vim-colorschemes: Already up to date.
```

The screenshot shows the output of the Vim plugin installation process. It indicates that the plugins were successfully installed and are up to date. The status bar at the bottom shows the cursor is at line 2, column 1.

4. After installing all the plugins, individually checking whether the plugins are working. So, first NerdTree working is checked and it is working properly.



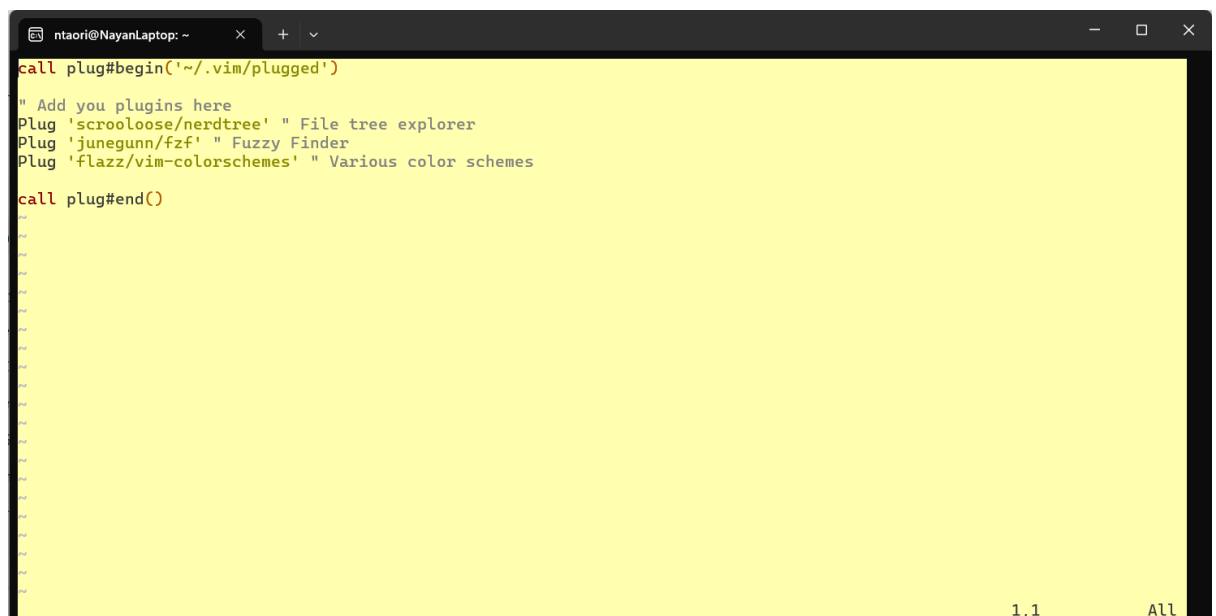
The screenshot shows a Vim editor window with a dark theme. The left pane displays the NerdTree file explorer, showing the current directory as /home/ntaori/. The right pane shows the output of the :checkhealth command, which reports that the fzf, nerdtree, and vim-colorschemes plugins are all OK. The status bar at the bottom indicates the current file is /home/ntaori/.vimrc, line 1, column 1.

```
2 NERD_tree_tab_1 .vimrc
" Press ? for help

.. (up a dir)
/home/ntaori/

[Plugins]
1,1 All
```

5. Next, the working of colorschemes is verified. Two color schemes are tested, gruvbox and Molokai.



The screenshot shows a Vim editor window with a light yellow background. The text in the editor is a vim-plug configuration script. It starts with 'call plug#begin('~/.vim/plugged')', followed by three 'Plug' lines for 'scrooloose/nerdtree', 'junegunn/fzf', and 'flazz/vim-colorschemes'. It ends with 'call plug#end()'. The status bar at the bottom indicates the current file is /home/ntaori/.vimrc, line 1, column 1.

```
call plug#begin('~/.vim/plugged')

" Add you plugins here
Plug 'scrooloose/nerdtree' " File tree explorer
Plug 'junegunn/fzf' " Fuzzy Finder
Plug 'flazz/vim-colorschemes' " Various color schemes

call plug#end()

1,1 All
```

