

# VI tips

## Quick save

Press SHIFT + ZZ which is equivalent to :x which is equivalent to :wq, except that it only saves if the file has been changed.

## Set tab size and convert tabs to spaces

```
:set tabstop=4  
:retab
```

## Turn off autoindent when you paste code

To toggle this in VI on the fly to switch off auto-indent

```
:set paste
```

and to switch it back on

```
:set nopaste
```

In .vimrc this can be set:

```
set copyindent
```

Another alternative via .vimrc is:

```
set clipboard=unnamed
```

That makes the default paste buffer map to X's clipboard. When a bit of text is highlighted in a terminal, it can be pasted into vim by simply press p to paste. Similarly, one can yank things in vim (e.g. YY to yank the current line into the buffer) and middle click in any window to paste it.

## Default 4 tab spaces

in ~/.vimrc

```
filetype plugin indent on  
" show existing tab with 4 spaces width  
set tabstop=4  
" when indenting with '>', use 4 spaces width
```

```
set shiftwidth=4
" On pressing tab, insert 4 spaces
set expandtab
```

## Cut, Copy & Paste

1. Press `v` to select lines or text with cursor keys
  2. Then press `y` to copy the selection or press `d` to cut the selection
  3. Then press `'>` to skip to the end of the selection
  4. Then press `p` to paste under the cursor or `SHIFT+p` to paste after the cursor
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1. Copy the entire line by pressing `yy` (more info `:help yy`) or cut using `dd`.
  2. Paste the line by pressing `p`.

## Copy whole file to clipboard

The clipboard is buffer `+`. To copy to clipboard, do `" +y` and [movement]. So, `gg" +yG` will copy the whole file.

Similarly, to paste from clipboard, `" +p`

Alternatively: `gg"*yG :%y+`

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