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My first docutment

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Hello World!

1 Linear Function

1.1 slope-intercept form

The slope-intercept form is given by :

$$y = ax + b$$

1.2 standard form

1.3 point-slope form

2 Quadratic Function

2.1 Vertex form

2.2 Standard form

2.3 Factored form

There are sets of Natural numbers denoted by \mathbb{N} .

And the symbol for real numbers is \mathbb{R} .

Graph $y = \frac{x}{3x^2+x+1}$.

Identify the asymptotes for the graph of $y = \frac{x}{3x^2+x+1}$.

HOW TO LEARN EMACS

A beginner's guide to Emacs 24 or later
Sachin Chua (@sachin) · sachin.chua.com/begin-emacs

Discontinued by Sachin Chua 2013/02

Learn Vim!
If you're a developer or sysadmin, it's easy to learn the basics so that you can easily work on other people's computers. If you know your way around Vim, people won't give you as much grief over Emacs.

Don't mix it up!
Vim's what you need to know in Vi. Most make no (or) operational mode. Long-time Vi user have file Emacs? (q) right? really quit

Emacs is a very powerful tool on my life. You will probably find it useful. Be there after reading.

You can actually edit Emacs files in Emacs, but that's an intermediate topic. (C-u) See Emacs?

Okay, One you know the basics of Vim, you can get on with learning Emacs.

Why Emacs?
Amazingly customizable Emacs is on the growth.

Learn how to learn

There are some old books on Emacs, but the version differences can be rather confusing. Start with the built-in tutorial instead. **Help = Emacs tutorial**

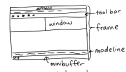
Can't use the menu? Press **Control-h** to start.

NOTE The Emacs tutorial has lots of weird terms. Make long "frame" buffer. This is because Emacs started a long time ago. Don't worry, you'll get the hang of it with practice.

Some things that might help
C-x C-s This is how keyboard shortcuts are written. C-u C-x C-s is the same thing. C-u C-x C-s is a long and boring C-u C-x C-s to type using Emacs. But both help you and save time instead of typing C-u C-x C-s over and over.

M-x lets you call commands by name, which is handy if you don't remember the keyboard shortcut. It's a help with Emacs. **RET**

Other resources
emacs.org
List of Emacses
planet.emacswiki.org
IRC: #emacs
Wiki on Emacs and Emacs.org



Other good help commands
C-h: manual
C-h C-u: Emacs manual
C-h C-u C-h: Emacs manual
C-h C-u C-h C-u: Emacs manual
C-h C-u C-h C-u C-h: Emacs manual

Learn Emacs basics

C-x C-f open (find-file)
C-x C-s save
C-x C-q quit

NOTE
You don't need to quit Emacs. Just leave it running and use C-x C-f to open the next.

How to select text

Go to the start of your selection and press C-Space (Control-space).
Go to the end of your selection and run your command.
C-u C-w (kill)
C-u paste (yank)
C-u paste older things
C-/ undo

Learn other handy tips

Buffer & window management
C-x b switch buffer
C-x 2 split
C-x 3 split
C-x 0 other window
C-x 1 get rid of current window
C-x 1 get rid of other window

Navigation & Search

M-y M-g go to line (but M-y is not for 5 lines)
C-s interactive search
C-r interactive search backward
M-? find all buffer
M-c Beginning of buffer
M-x occur RET find lines

Extend & customize

M-x load-theme RET
You can also themes. **RET**
M-x customize-group RET
set common options
M-x customize-theme RET
change background, foreground, etc.

M-x list-packages RET
install lots of modules.

and then...

editing your **~/.emacs.d/init.el** file
init.el initializes your Emacs. Add new functionality, and so on. Use M-x eval-buffer or read Emacs to see the changes.
● Break your Emacs config. Emacs.org helps your customizations.

Explore!

Org-mode org
organize your life in plain text
TRAMP
remote access

EShell / Term
command line in Emacs

Writing & debugging Emacs Lisp
(emacs-lisp.org)

There's so much more!
Ask away and discover more by exploring!