

## Installing Ruby on MacBook

1. Install homebrew from brew.sh website
2. after brew is installed, check the output message of the installation, at the end of the message, there are instructions of what command to run following those instruction, so that brew program can be located by system.

3. open terminal, run:

`brew install ruby`

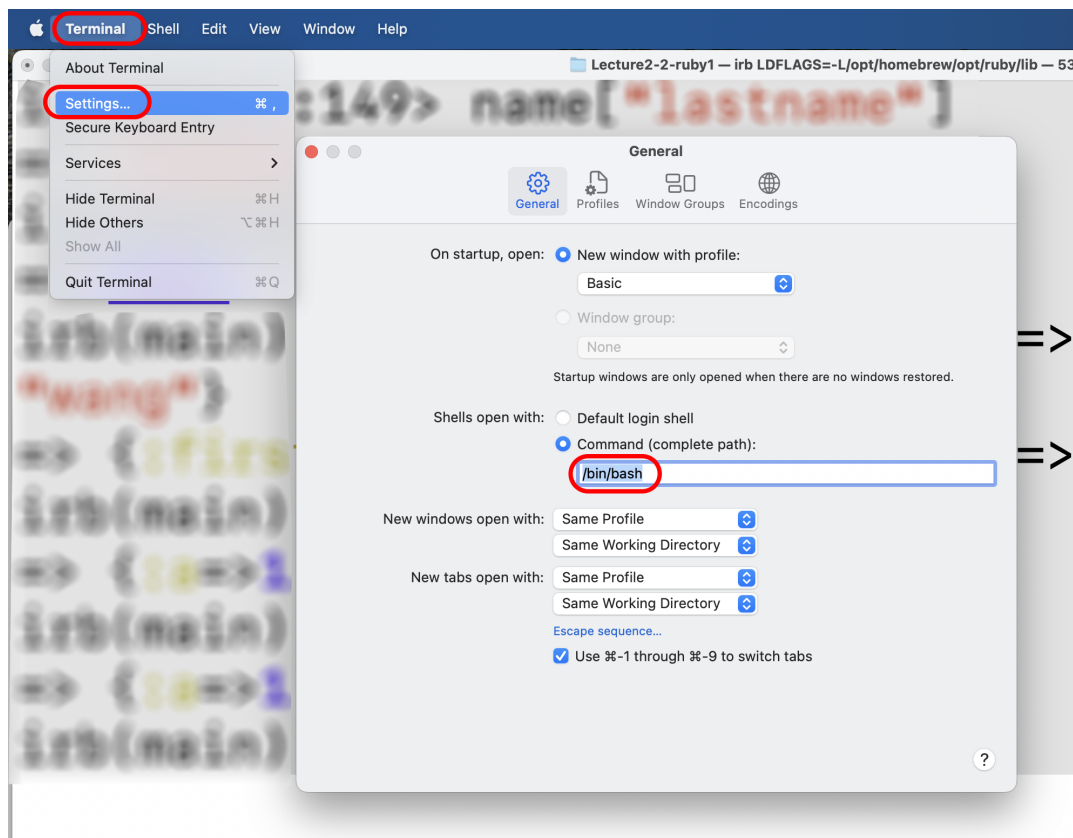
4. after installing ruby, at the terminal prompt, run

`ruby -v`

to check version, it will probably show version 2.6 (older version) even tho brew install the newest version of ruby on your machine

following are setting up steps for the system to be able to locate new version ruby.

5. in terminal, open the setting:



- in "Command (complete path)", change to: /bin/bash  
if it is not, for example, it might be /bin/zsh

now your terminal is changed to bash shell

- in the terminal, run

cd

```
ENGR-2300350:Lecture2-2-ruby1 ywang6$ cd
ENGR-2300350:~ ywang6$
```

this will change your directory to your "home directory"

- run

ls -al

this will list all files in your home directory

```
ENGR-2300350:Lecture2-2-ruby1 ywang6$ cd
ENGR-2300350:~ ywang6$ ls -al
total 168
drwxr-xr-x+  38 ywang6  staff   1216 Jan 15 15:24 .
drwxr-xr-x   8 root    admin    256 Feb 12  2024 ..
-r-----   1 ywang6  staff     7 Jan 28  2024 .CFUserTextEncoding
-rw-r--r--@  1 ywang6  staff  14340 Jan  8 20:32 .DS_Store
drwxrwxrwx@   3 root    staff    96 May 13  2024 .PenTablet
drwx-----+ 1065 ywang6  staff  34080 Jan 15 22:10 .Trash
-rw-----   1 ywang6  staff  11494 Jan 15 15:26 .bash_history
-rw-r--r--@  1 ywang6  staff   532 Dec 17 20:07 .bash_profile
-rw-r--r--@  1 ywang6  staff   424 May 14  2024 .bash_profile~
drwx-----  22 ywang6  staff   704 Jan 15 16:09 .bash_sessions
drwxr-xr-x   3 ywang6  staff    96 May 13  2024 .bundle
drwxr-xr-x@   3 ywang6  staff    96 Nov 10 01:02 .cache
drwxr-xr-x   3 ywang6  staff    96 Dec  6  2023 .cisco
drwxr-xr-x@   5 ywang6  staff   160 Nov 10 01:02 .eclipse
drwx-----@  4 ywang6  staff   128 Apr 22  2024 .emacs.d
-rw-r--r--   1 ywang6  staff    44 Oct 31 13:52 .gitconfig
drwxr-xr-x   3 ywang6  staff    96 Dec 15 21:37 .idlerc
-rw-----   1 ywang6  staff  17701 Jan 16 13:10 .irb_history
-rw-----   1 ywang6  staff    20 Jan 15 15:24 .lessht
```

find the file ".bash\_profile", this is the setup file to set your path.

use your text editor like sublime to open this file

my .bash\_profile is like this:

```
alias emacs='${/Applications/Emacs.app/Contents/MacOS/Emacs}'
eval "$(/opt/homebrew/bin/brew shellenv)"

#added 2024/04/01 after brew install Ruby...
export PATH="/opt/homebrew/opt/ruby/bin:$PATH"
export PATH="/opt/homebrew/lib/ruby/gems/3.3.0/bin:$PATH"

export PATH="/opt/homebrew/opt/openjdk/bin:$PATH"

export LDFLAGS="-L/opt/homebrew/opt/ruby/lib"
export CPPFLAGS="-I/opt/homebrew/opt/ruby/include"
```

you don't need everything, try adding the two "export" lines first.

you should be ok.

- save your file.
- close terminal
- reopen terminal (.bash\_profile setting will be effective)
- run  
ruby -v

you are supposed to be seeing: version 3.3