In this lecture's exercise portion we will try to write a program using the Ruby programming language. And to be able to do that, you will have to have some programming tools installed on your PC. In other words we must prepare your PCs programming environment.

For Mac users, you just need to prepare the Text Editor to edit your programs. Below we show you how to

(1) install your Text Editor (= CotEditor), and

(2) basic information about the Terminal which is the place you
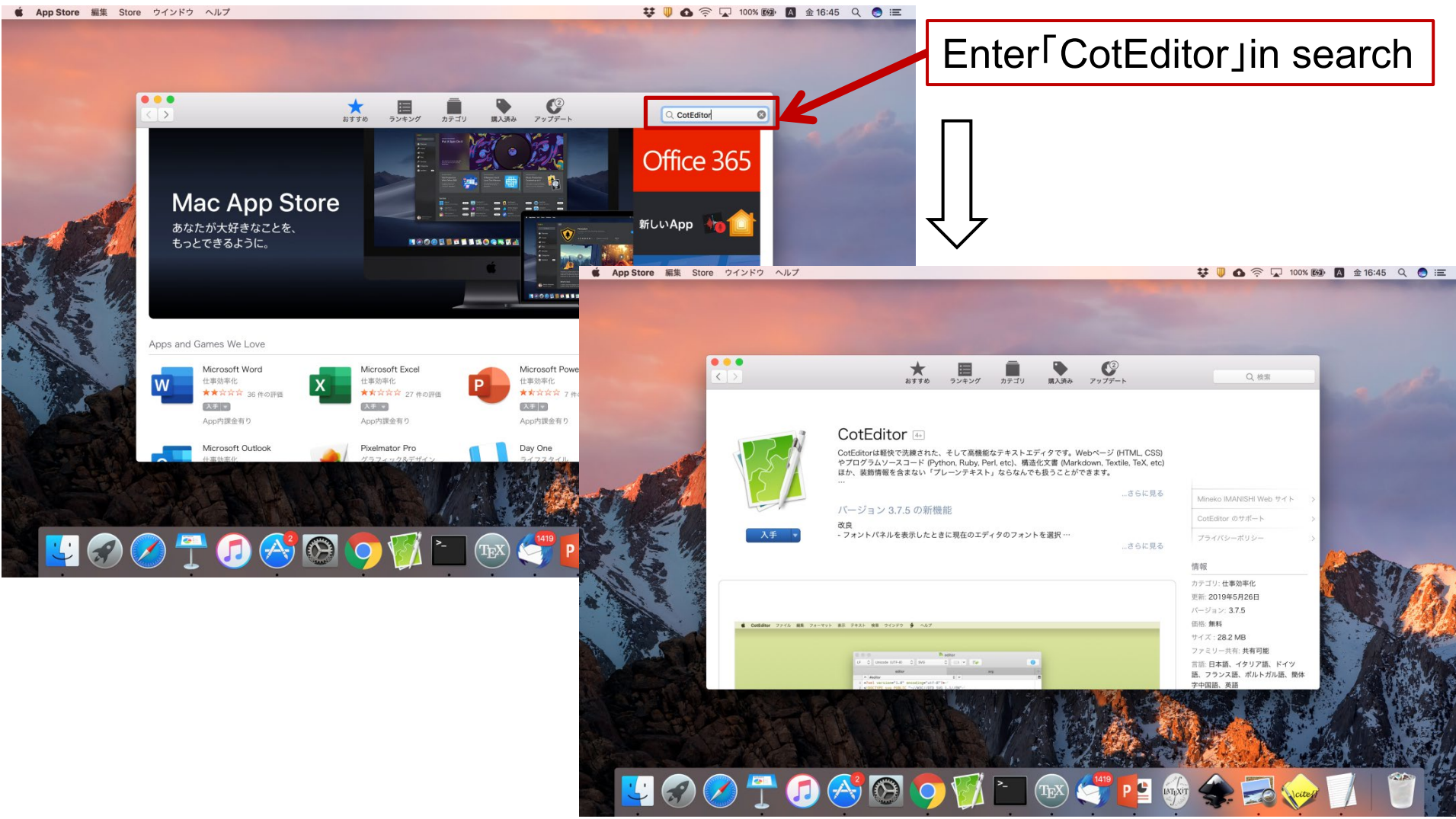   run the Ruby program

Other steps and procedures will be explained in the exercise session (i.e., Exercise #1).

(1) Installing CotEditor (1/3, around 15 mins)

※As of June 2019
screenshots are an example

1. Open the App Store and search for 「CotEditor」

Enter「CotEditor」in search

(1) Installing CotEditor (2/3, around 15 mins)

2. Download and install

・[Get]-> click [Install app] and wait for a while.

click「Get」

Button changes to [Install App]
So, click again.

(1) Installing CotEditor (3/3, around 15 mins)

3. Try to run the program

・click [open] and run CotEditor

Click [open]
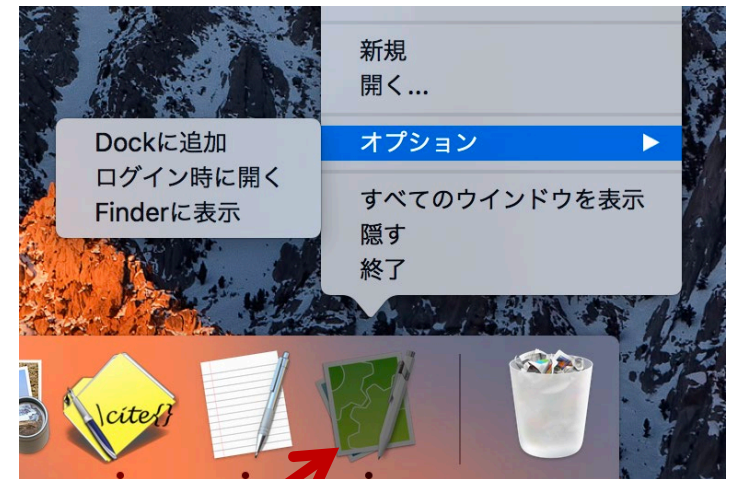
You can easily find CotEditor next time by right clicking and choosing [options] -> [add to dock] on the program icon on the dock (the group of icons at the bottom of your home)

※ If you are able to open CotEditor, then the installation is complete. We will learn about using this software in our first exercise.

(2) About terminal commands

1. What is the Terminal and what is a Mac?

Windows or Mac refers to the operating system of a PC which is the framework that is needed to run programs on your computers. To be exact there are versions of each OS like "Windows 10" or "Mojave". Although windows as and OS is used on many brands of PC, Mac is only used on PCs that are made by Apple called Macintosh, the Terminal is the place to run commands to your computer and is usually referred to as the shell.

2. Basic terminal commands

We will explain the different commands in the exercise, but we list here the most basic commands.

command	example	Meaning
mkdir	mkdir kadai2	Make a room※ called kadai2
cd	cd kadai2	Enter room called Kadai2
	cd **..**	Go to the room one step above
	cd **../..**	Go to the room two steps above
ls	ls	Show the files that are in this room
rm	rm foo.rb	Delete file foo.rb (be careful! Cannot be undone)

※ Folders and Directories. We loosely call these rooms in this material.