

RESEARCH TOOLS 2011 VIDEO 12

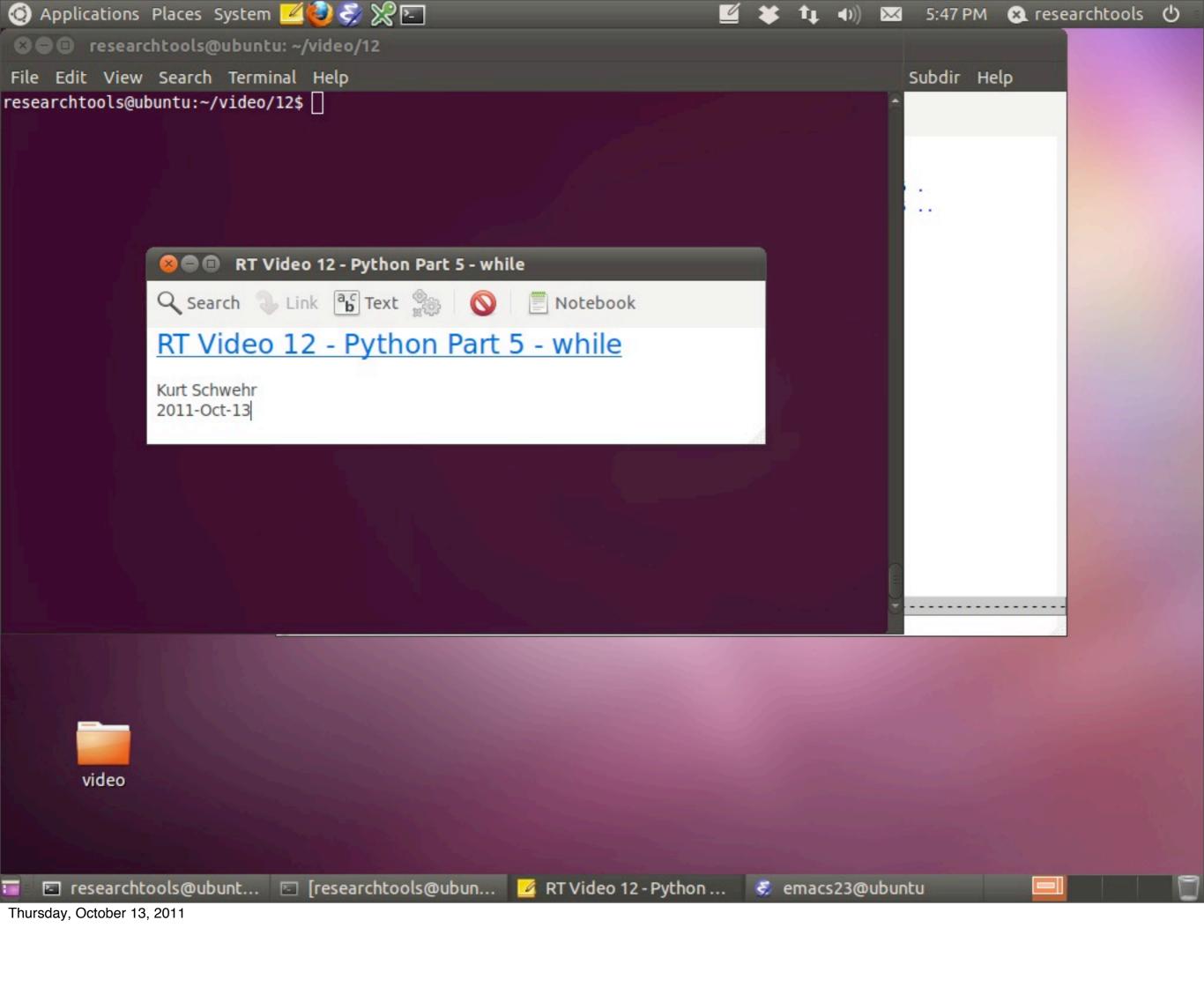
2011-Oct-12 Kurt Schwehr http://schwehr.org

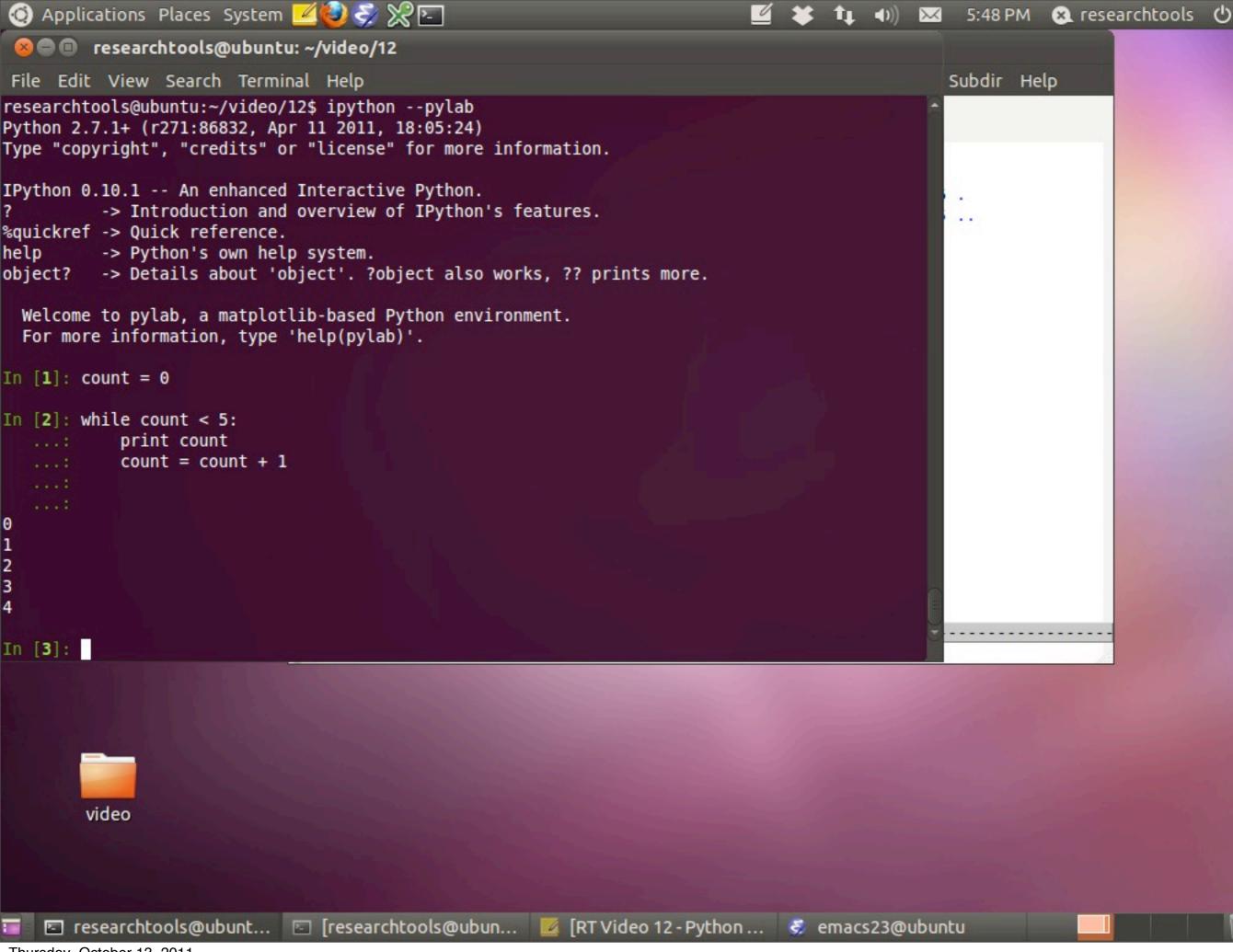
UNH CCOM/JHC Python Part 5: while loops



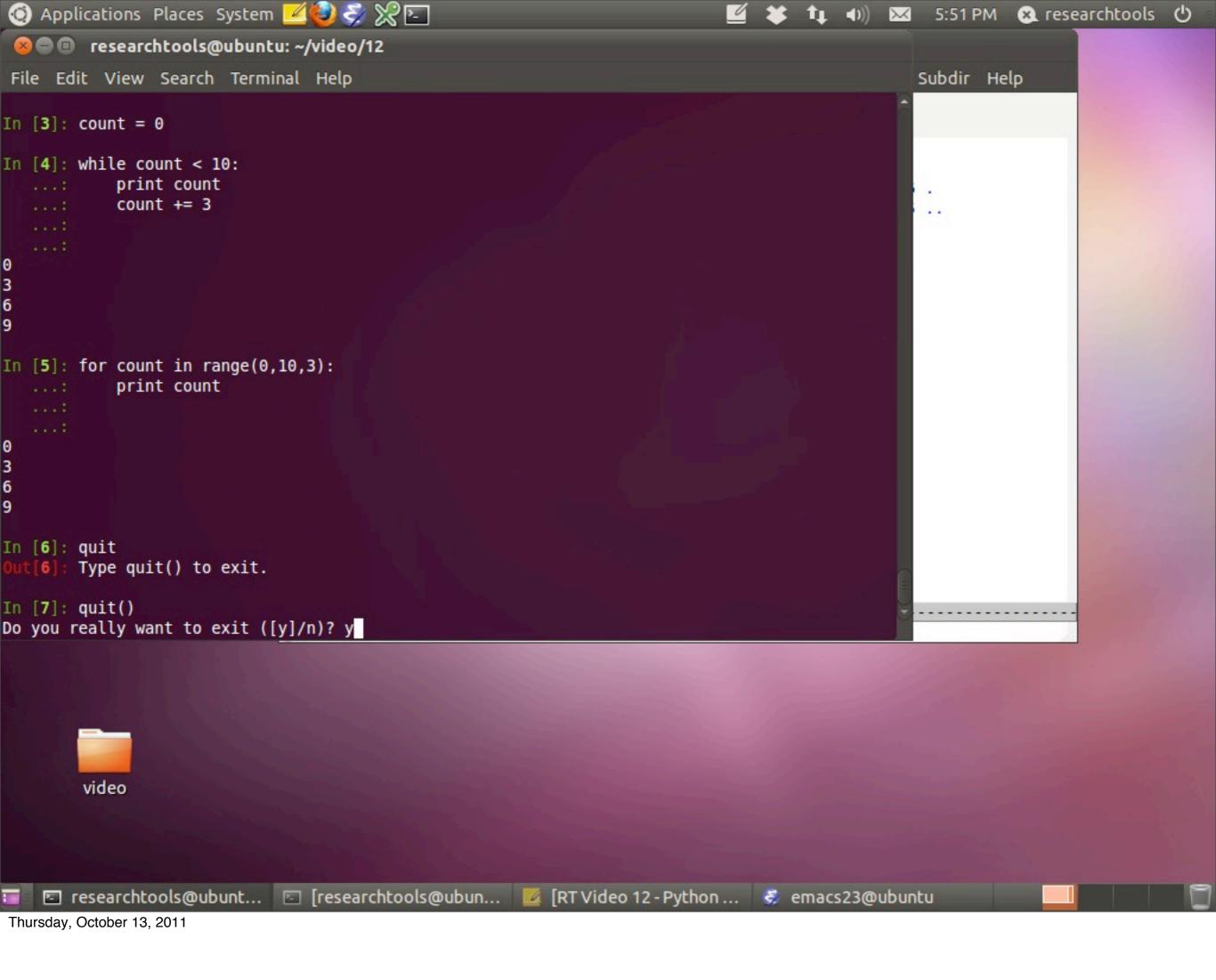
Thursday, October 13, 2011

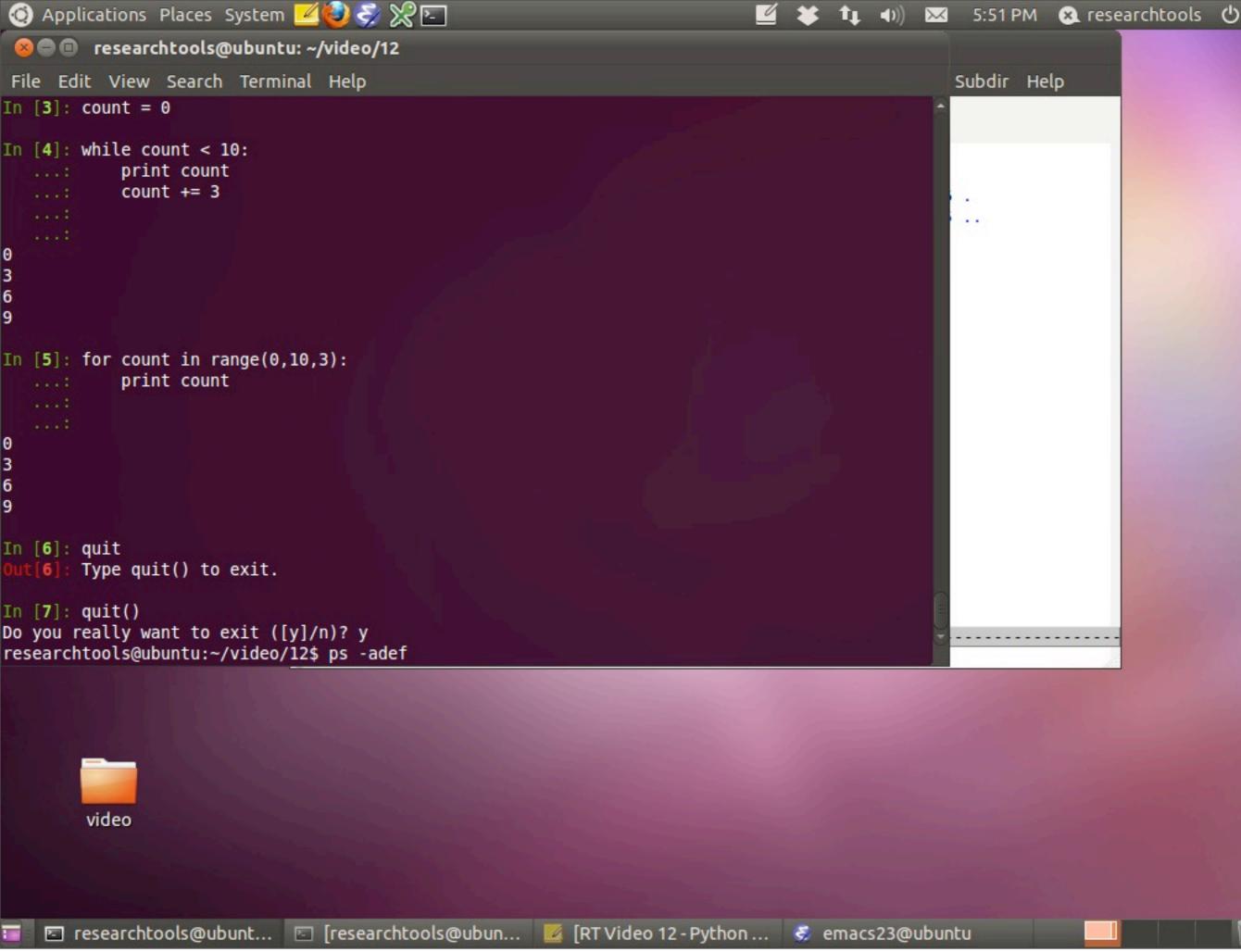
http://vislab-ccom.unh.edu/~schwehr/Classes/2011/esci895-researchtools/ http://creativecommons.org/licenses/by-nc-sa/3.0/





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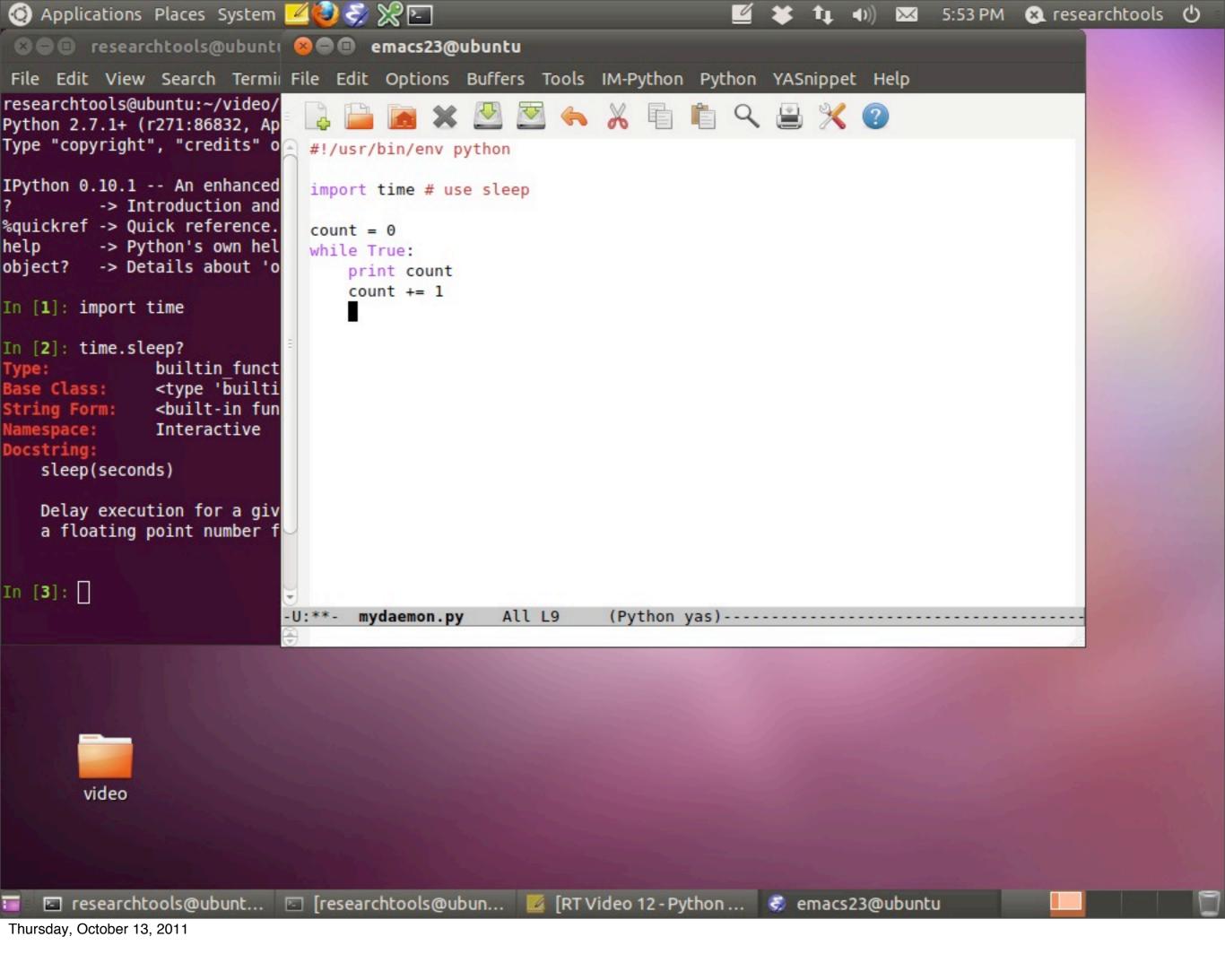
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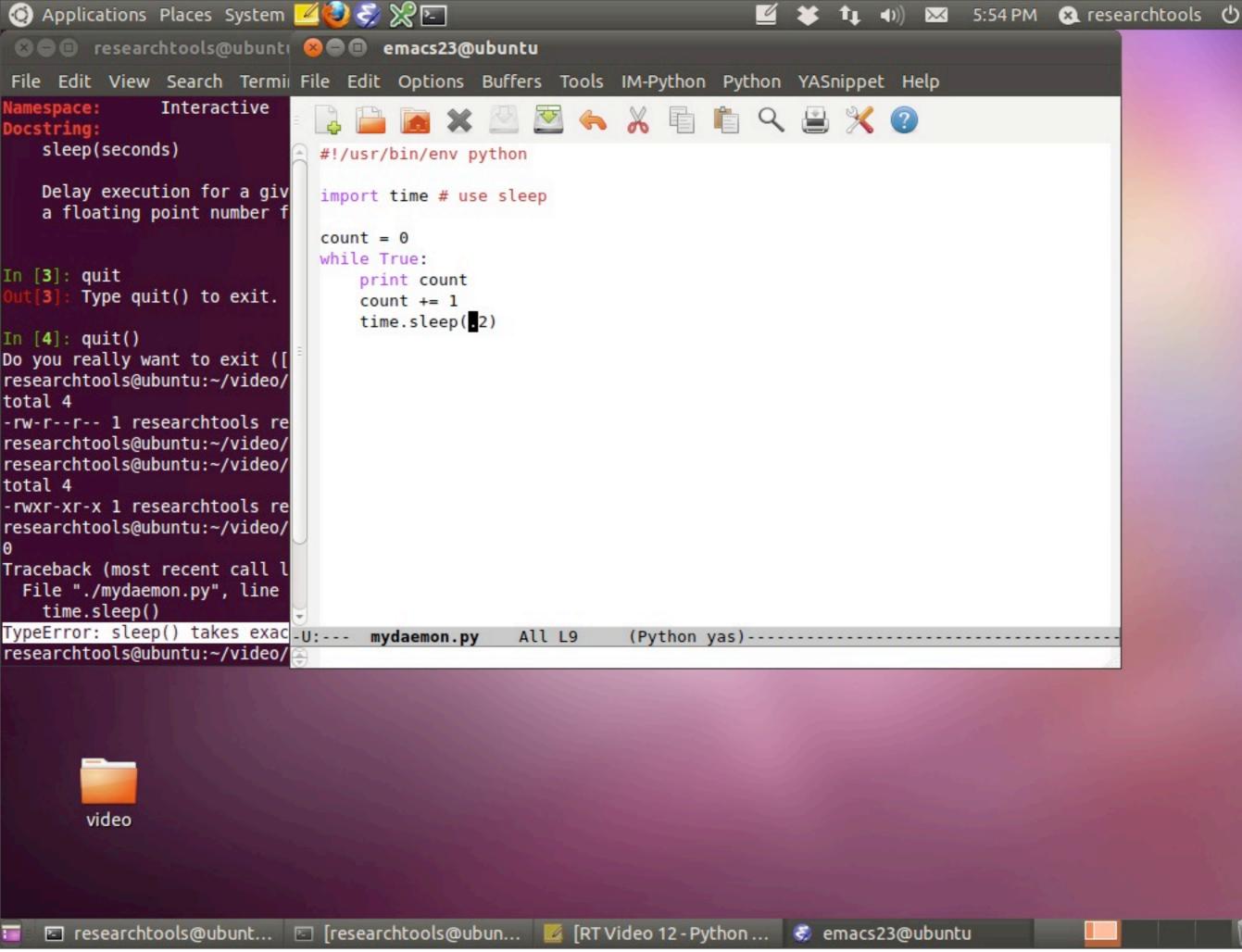
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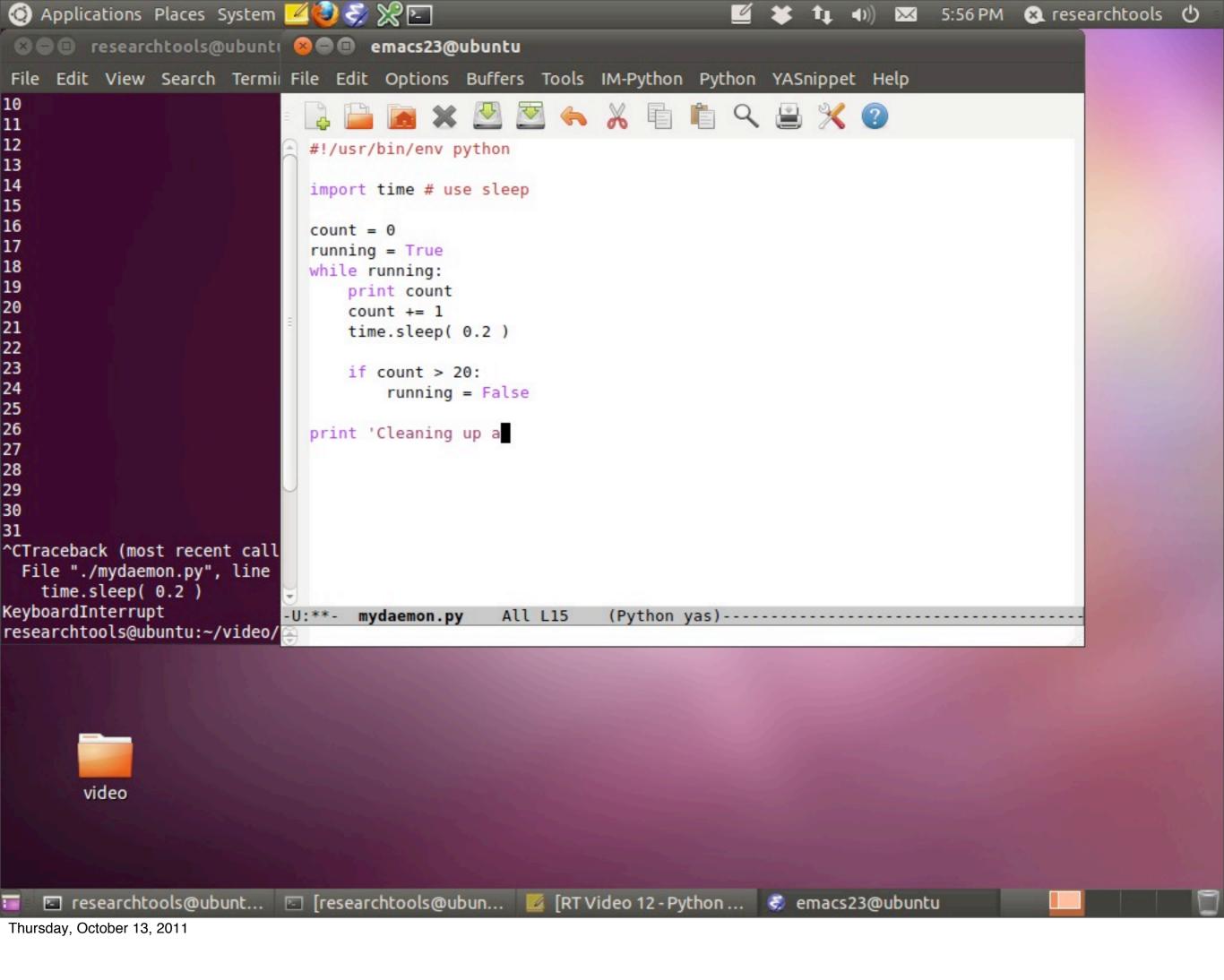
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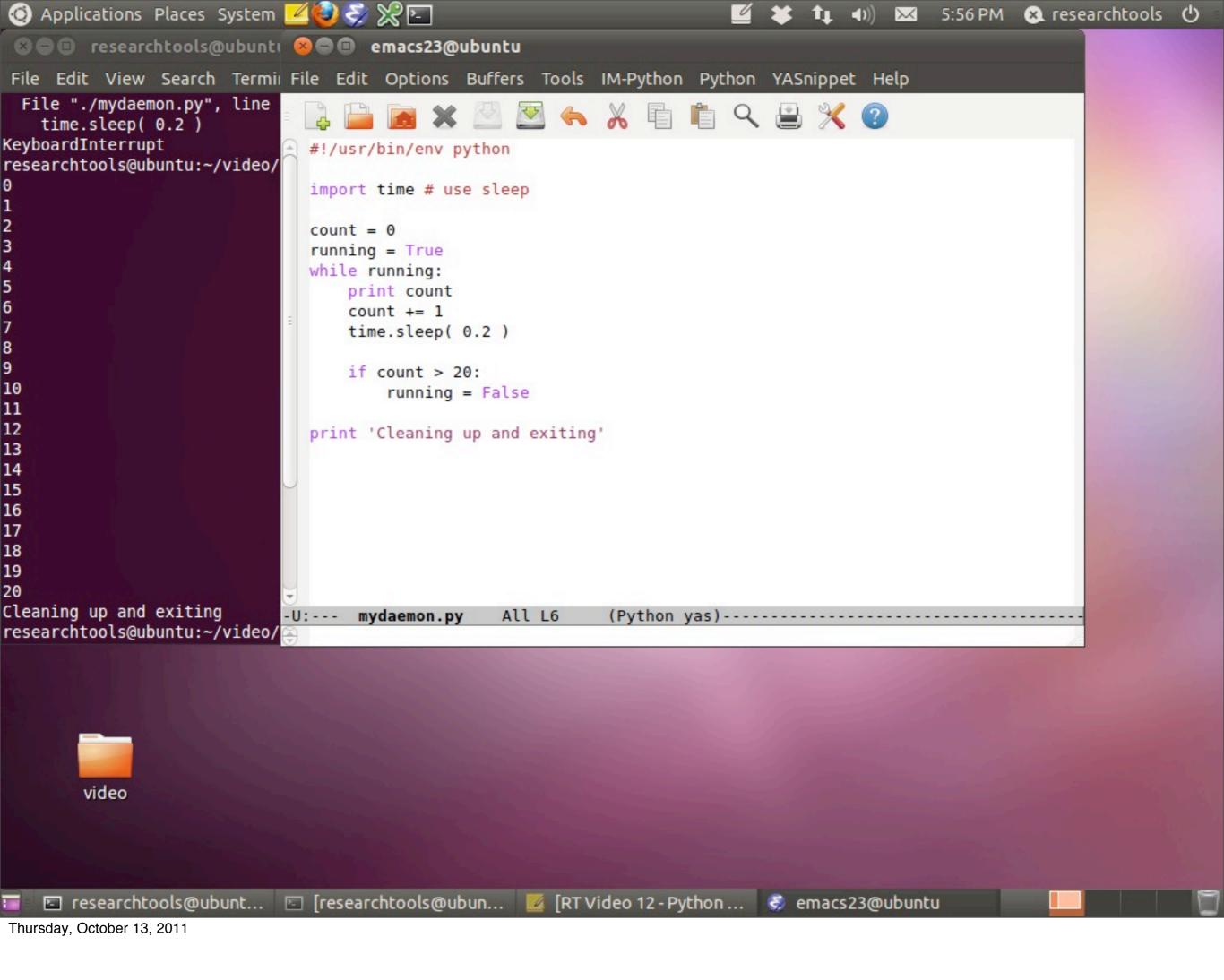
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1001		2281	1	Θ	09:21 ?		00:00:25	gnome-terminal		
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1001		2348			09:21 ?		00:00:05	<pre>mono /usr/lib/tomboy/Tomboy.exesearch</pre>		
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1001	2	3389	2511	Θ	17:47 pt	s/1	00:00:00	<pre>/bin/bash /home/researchtools/class/screencapt</pre>		
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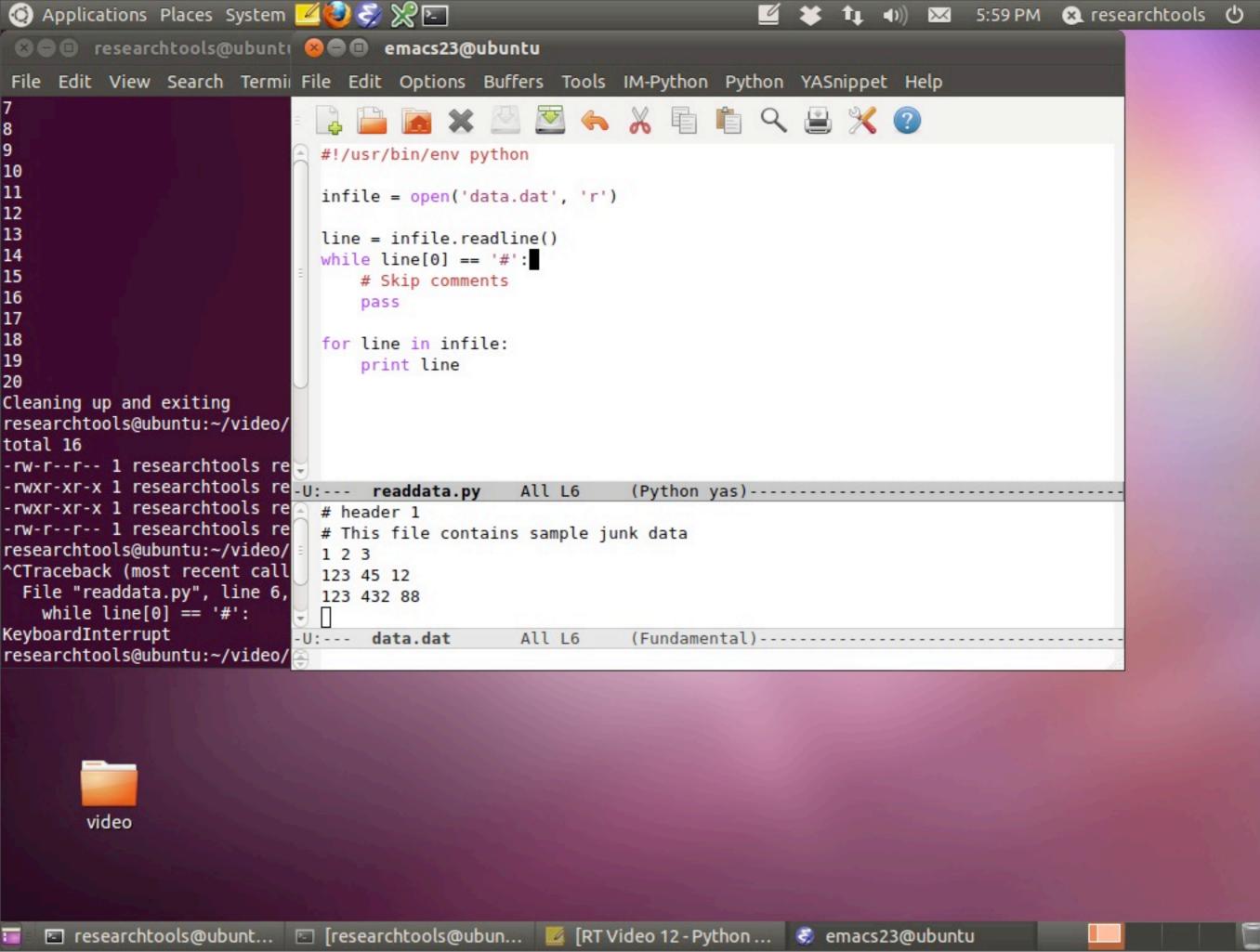


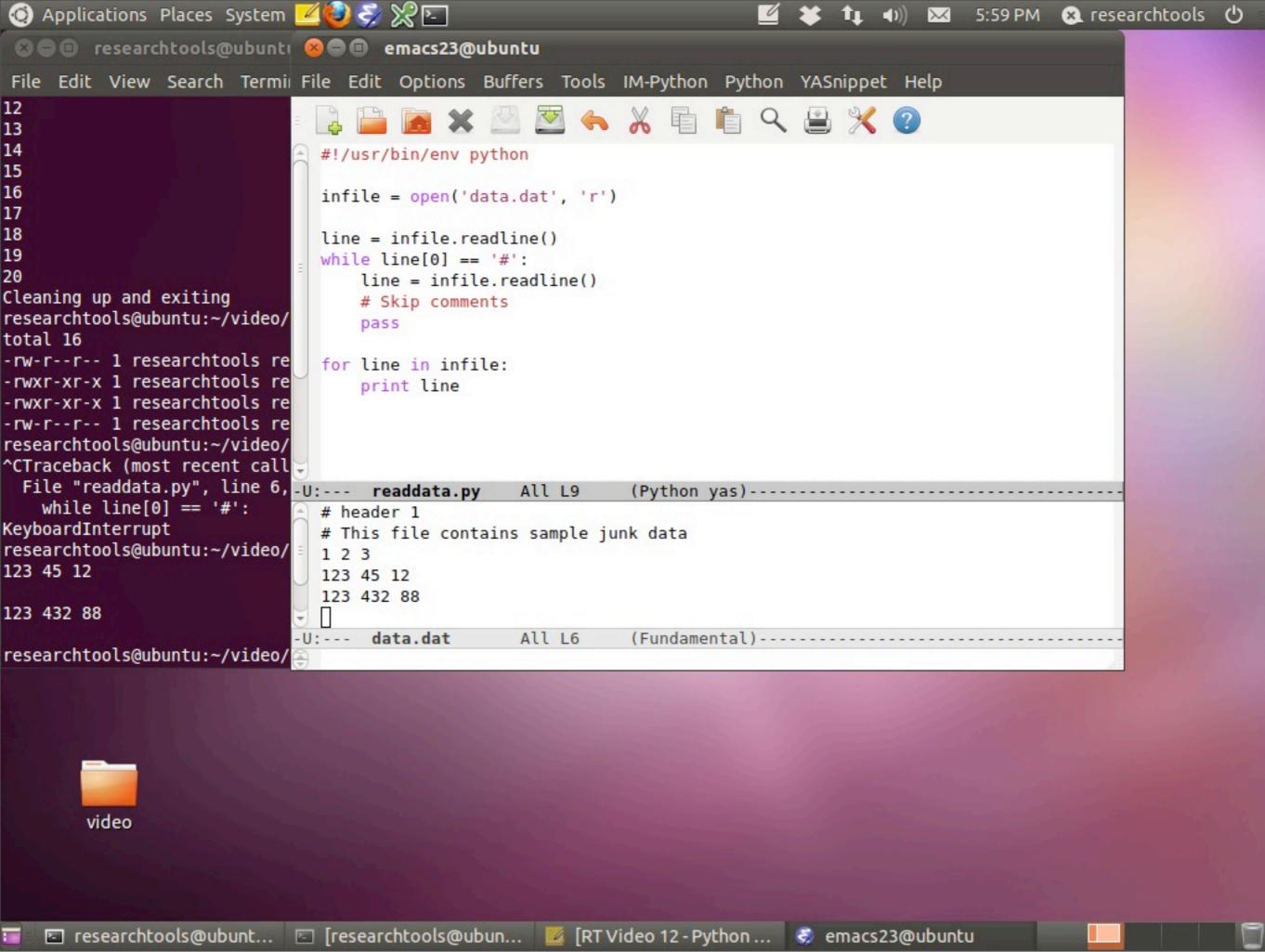




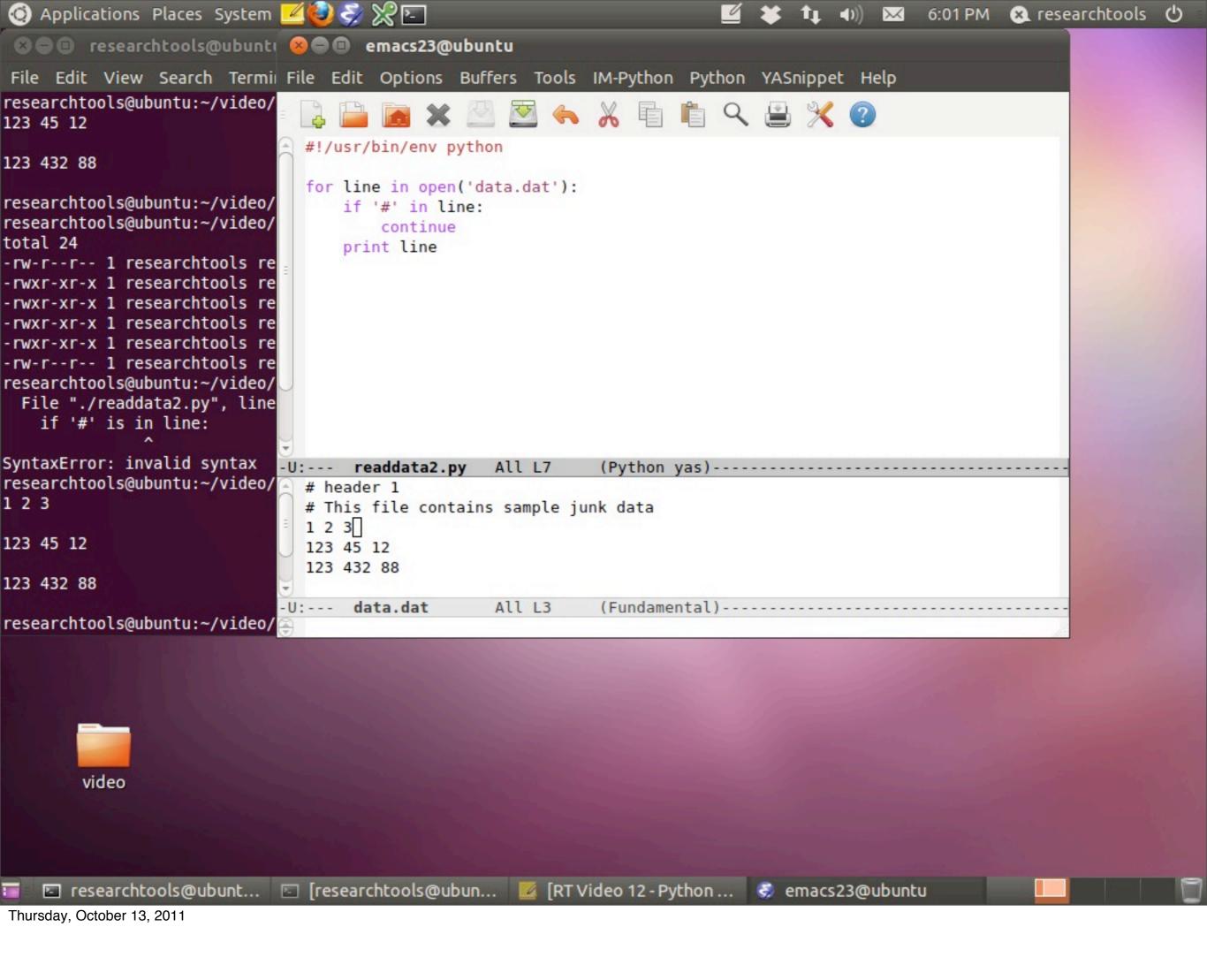








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File Edit View Search Termi File Edit Options Buffers Tools IM-Python	Python YASnippet Help
<pre>-rw-rr 1 researchtools re researchtools@ubuntu:~/video/ File "./readdata2.py", line if '#' is in line: ^</pre>	Comment Out Region C-c # Uncomment Region Mark current block C-c C-k
SyntaxError: invalid syntax def loaddata():	Mark current def C-M-h
<pre>researchtools@ubuntu:~/video/ 1 2 3 for line in open('data.dat'): if '#' in line:</pre>	Mark current class
<pre>continue</pre>	Shift region left C-c <
123 45 12 print line	Shift region right C-c >
123 432 88	Import/reload file C-c RET
researchtools@ubuntu:~/video/	Execute buffer C-c C-c
Python 2.7.1+ (r271:86832, Ap	Execute region C-c
Type "copyright", "credits" o	Execute def or class C-M-x
IPython 0.10.1 An enhanced 🛫	Execute string C-c C-s
? -> Introduction and U:**- readdata2.py All L9 (Python y	Start interpreter C-c !
<pre>%quickref -> Quick reference. # header 1 help -> Python's own hel # This file contains sample junk data</pre>	
<pre>nelp -> Python's own nel # This file contains sample junk data object? -> Details about '0 = 1 2 3</pre>	Go to start of block C-c C-u
123 45 12	Go to start of class
Welcome to pylab, a matplot 12 432 88	Move to end of class
For more information, type -U: data.dat All L5 (Fundamen	Move to start of def C-M-a
In [1]:	Move to end of def C-M-e
	Describe mode C-c ?
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File Edit View Search Terminal Help

Welcome to pylab, a matplotlib-based Python environment. For more information, type 'help(pylab)'.

```
In [1]: ls -l
```

```
total 28
-rw-r--r-- 1 researchtools researchtools 76 2011-10-12 17:57 data.dat
-rwxr-xr-x 1 researchtools researchtools 218 2011-10-12 17:56 mydaemon.py*
-rwxr-xr-x 1 researchtools researchtools 118 2011-10-12 17:53 mydaemon.py~*
-rwxr-xr-x 1 researchtools researchtools 139 2011-10-12 18:02 readdata2.py*
-rwxr-xr-x 1 researchtools researchtools 108 2011-10-12 18:01 readdata2.py~*
-rwxr-xr-x 1 researchtools researchtools 196 2011-10-12 17:59 readdata2.py*
-rwxr-xr-x 1 researchtools researchtools 196 2011-10-12 17:59 readdata.py*
```

In [2]: import readdata2

```
In [3]: ls -l
total 32
-rw-r--r-- 1 researchtools researchtools 76 2011-10-12 17:57 data.dat
-rwxr-xr-x 1 researchtools researchtools 218 2011-10-12 17:56 mydaemon.py*
-rwxr-xr-x 1 researchtools researchtools 118 2011-10-12 17:53 mydaemon.py~*
-rwxr-xr-x 1 researchtools researchtools 139 2011-10-12 18:02 readdata2.py*
-rwxr-xr-x 1 researchtools researchtools 108 2011-10-12 18:01 readdata2.py~*
-rw-r--r-- 1 researchtools researchtools 295 2011-10-12 18:02 readdata2.py*
-rwxr-xr-x 1 researchtools researchtools 196 2011-10-12 17:59 readdata2.py*
-rw-r--r-- 1 researchtools researchtools 196 2011-10-12 17:59 readdata2.py*
```

In [4]:

🌌 [RT Video 12 - Python ... 🛛 😽 emacs23@ubuntu