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UNIVERSITY OF MICHIGAN  SCHOOL OF INFORMATION
SI 502: Networked Computing: Storage, Communication, and Processing

Assignment 1 – Software Installation – Making Screen Shots

Due Date: Friday January 16, at 9PM

Overview

In this assignment you will install software that will be used during the course. This software includes a programming text editor and the Python programming language. Also as part of this assignment you will learn how to take screen shots and make them into images. The deliverables for the assignment are four images to be uploaded to CTools to receive credit for the assignment.

If you follow the instructions carefully and look at the handouts and watch the podcasts – this assignment should be pretty straightforward and take only a few hours.

Assignment

There are a number of support materials that you will use for this assignment. There are three handouts that describe the steps you need to follow to do the software installations. You should go through all three of the handouts.

- Installing JEdit
- Installing Python
- Taking Screen Shots

These are in the course web site under the folder **Handouts**. They are also available under

<http://www-personal.umich.edu/~csev/courses/shared/handouts/>

There are also screen casts that walk you through all of the assignment step by step on each of the three common operating systems. These podcasts are all under:

<http://www-personal.umich.edu/~csev/courses/shared/podcasts/>

There are three podcasts for each operating system. Download the podcasts – you can do this using right-click or Ctrl-click depending on your browser.

Go through all three podcasts – and the associated handouts. Once you have completed the software installation – you can come back to this handout and finish the assignment and get your four screenshots uploaded to CTools.

It is OK to get some help from others getting the software installed – but make sure that you know how to use the text editor to open and manipulate the files and know how to run the Python program. We will assume you know these skills from now on.

Writing a simple HTML document

Open Jedit , make a new file and put this text in that file:

```
Hi my name is <b>Chuck Severance</b>.
```

Of course put your own name in the file. Save the file to your Desktop as

first.htm

Find first.htm on your desktop and click on it – it should open in a browser. Take two screen shots. One of Jedit with the file contents and the other with your HTML document in the browser.

Writing a simple Python program

Open JEdit, make a new file, and put this text in the file:

```
print "Hello there Chuck Severance"  
print 12 * 43
```

Put your name in the file. Save the file to your Desktop as

first.py

In the Terminal program or Command Line, run this Python program. Using the following commands:

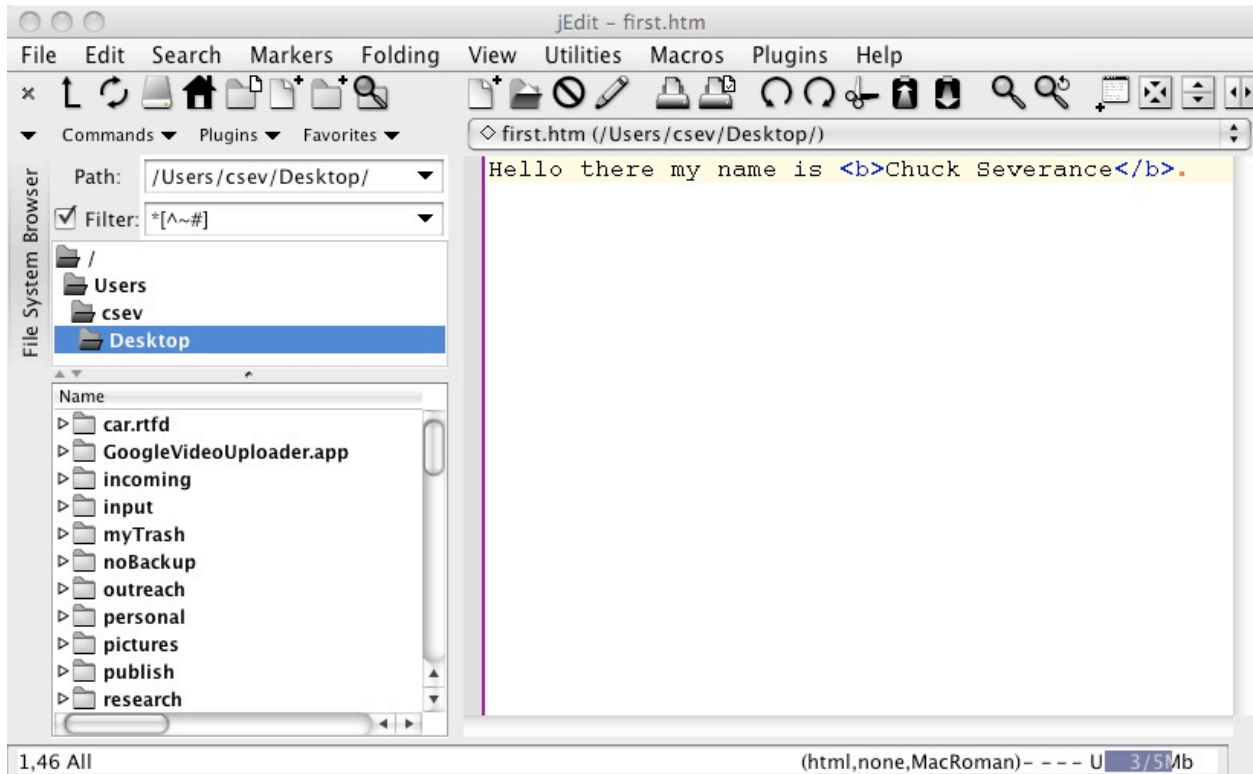
```
cd Desktop  
python first.py
```

Take two screenshots – one of Jedit editing your Program and another of the terminal program running your Python file.

So the result of the entire exercise is to get four screen shots running in your environment and upload the screenshots to CTools.

Sample Screen Shots

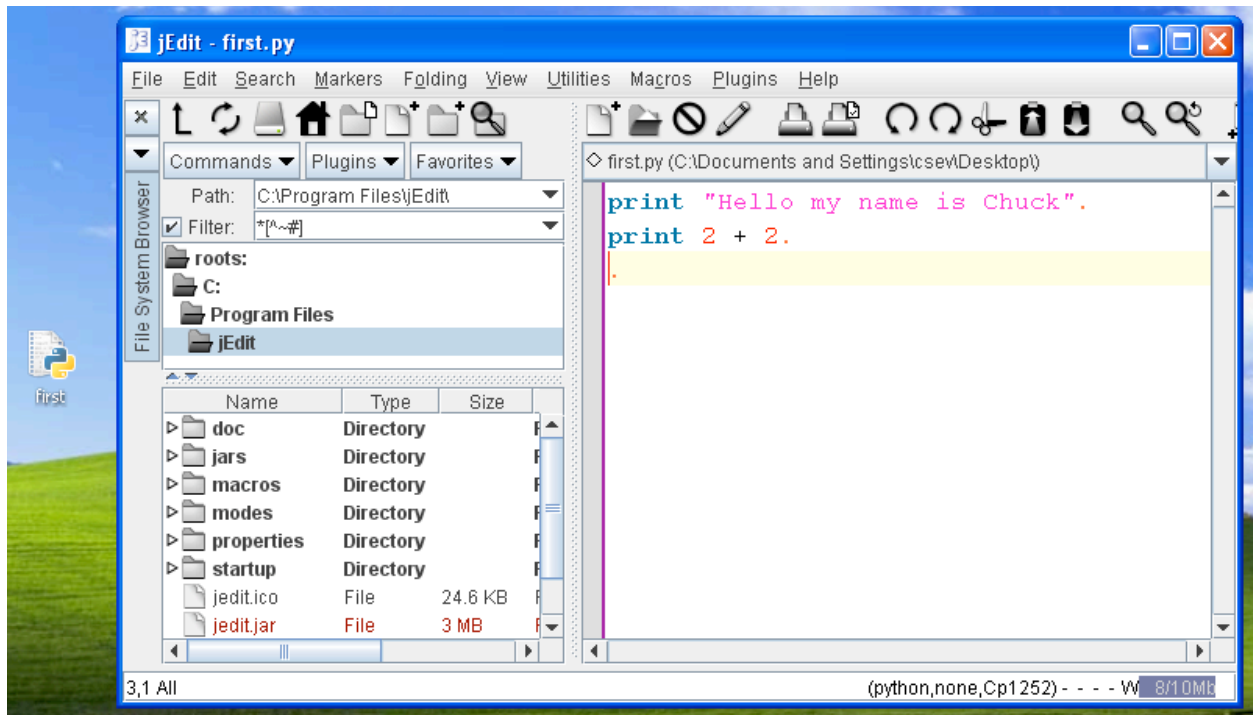
These are samples of what your screen shots should look like (these are taken from different operating systems).



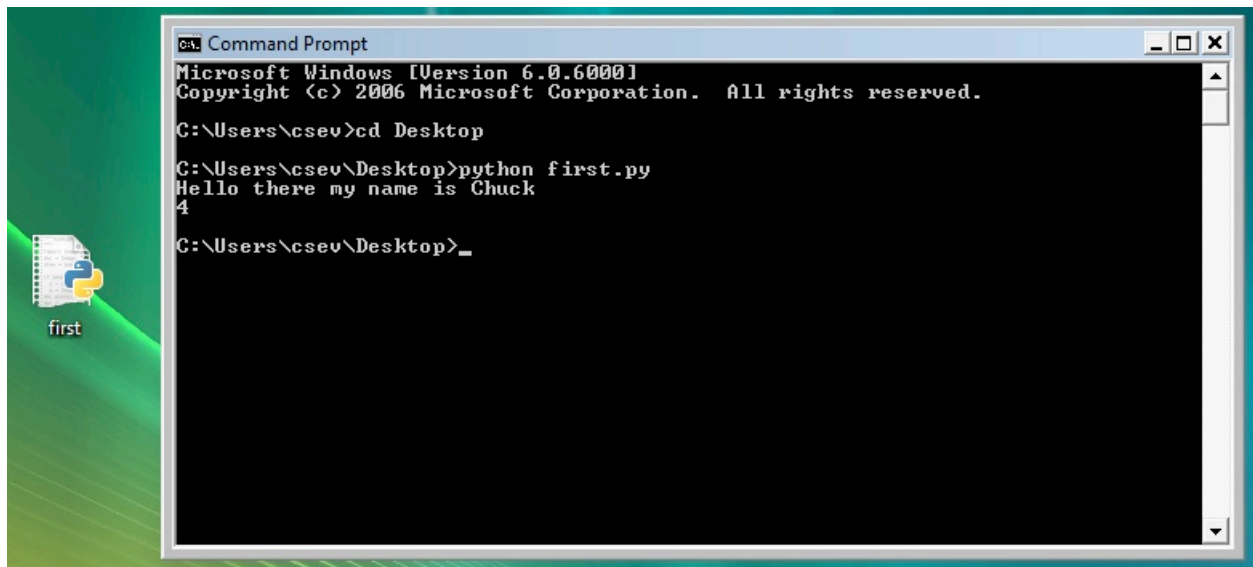
Source: jEdit



Source: Safari



Source: jEdit



Source: Windows Command Prompt

Hand In

To get credit for the assignments – turn in the four screen shots into CTools.