INFO201 graded lab: File system tree

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Instructions

This is your first lab.

It is to be submitted individually, but you may work together in a group. If you work in a group, make sure you list all collaborators, per syllabus and iSchool policies. For Section 2, "Your own file system," please use your own computer for the solution.
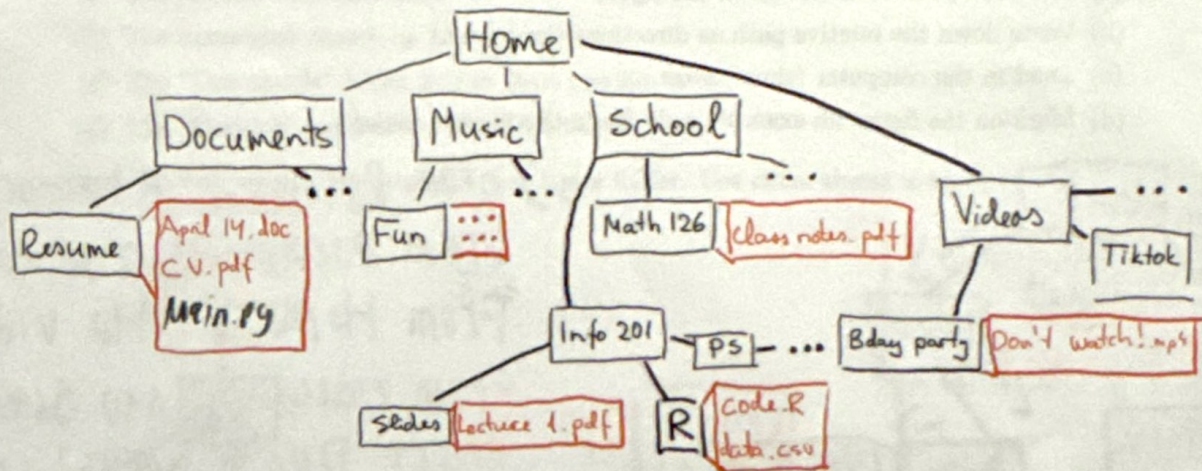
Please list all your collaborators here, if any.

1. .....

2. .....

Answer the questions on paper and give it back to your TA. Alternatively, you can also make a copy and submit it on canvas.

Good luck!

1 Relative path

Peng-fei is a UW student. The file system tree of his computer is shown in the figure below:

The black boxes denote folders, files are marked in orange. There are more folders and files, denoted by dots.

1. How can his code code.R access the data file data.csv? (Both are inside the R folder.)
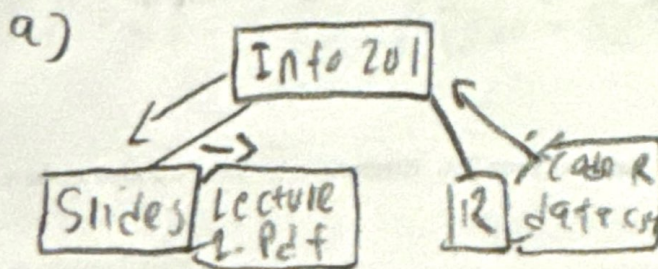
    (a) write down the list of directions (see the The Course Book 9.1.2 *Working directory and relative path*).
    (b) write down the relative path in short (computer) form.

a) R → data.csv

b) data.csv

2. How can code.R access Lecture 1.pdf in Slides?

    (a) Mark the path with arrows on the figure
    (b) Write down the relative path as directions (long form) ...
    (c) ...and in the computer (short) form.

a)

b) From R → go up to/into 201
From Info 201 → Slides
Inside Slides → open Lecture1

c) ../Slides/Lecture 1.pdf

3. Peng-fei wants to run code inside Resume folder that opens the Don't watch!.mp4. How can it be done?

    (a) Mark the path with arrows on the figure
    (b) Write down the relative path as directions (long form) ...
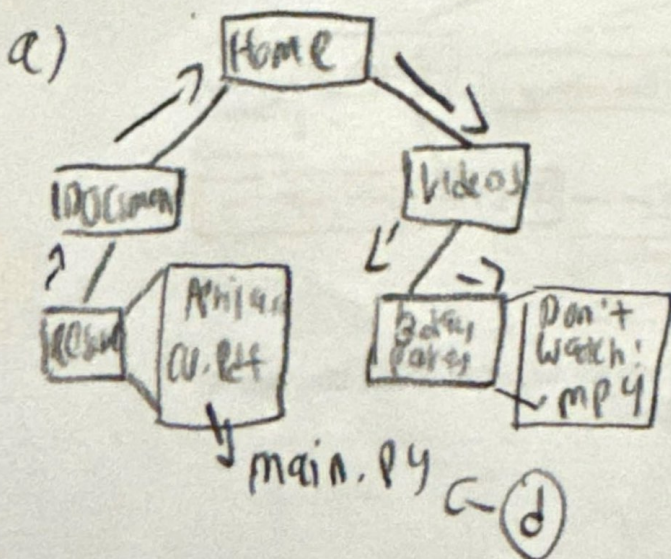   (c) ...and in the computer (short) form.
    (d) Mark on the figure an example code file in the Resume folder.

a)

b) From Resume → up to documents
From documents → up to home
From Home → into videos
From videos → into Bday party
select Don't watch! - mp4

c) ../../videos/Bday party/Don't watch! . mp4

4. What is the relative path of April 14.doc if the working directory is Resume?

April 14 .doc

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2 Your own file system

The following questions are about your own computer.

1. In which folder do you store the in-class code for this course? (Create this folder if you haven't done it yet.)

In the INFO_201 → in-class-code Folder

2. In which folder do you store the info201 homework code? What is its name, and what is its parent folder's name?
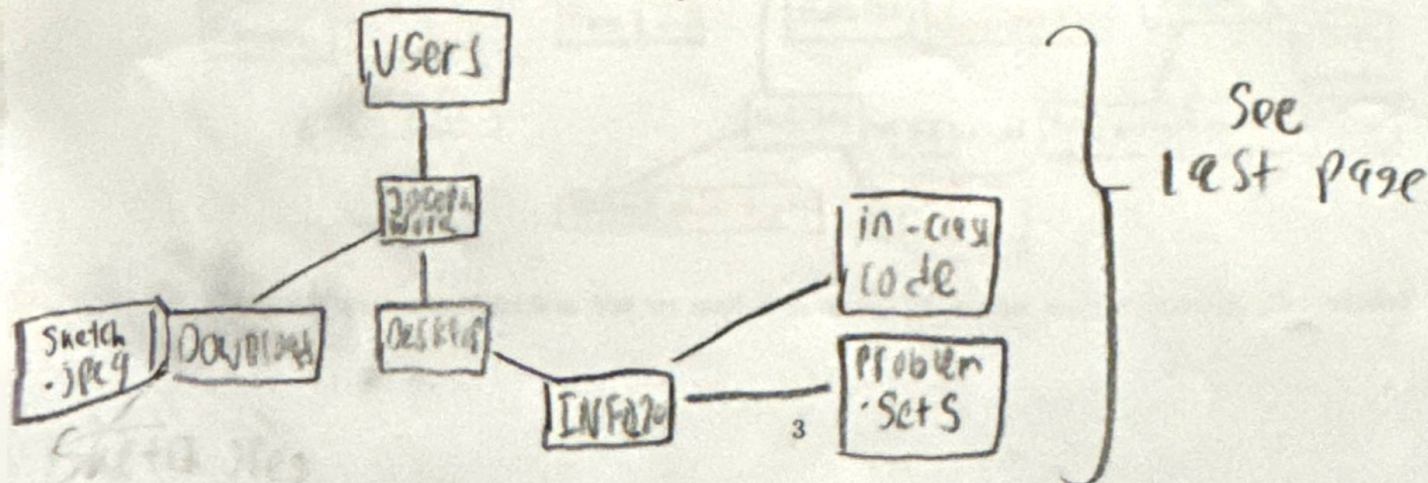
in the INFO_201 → Problem-Sets
Parent Folder name = INFO_201

3. Now draw the file system tree of the computer where you mark:

   (a) The in-class code directory
   (b) The homework directory
   (c) The "Downloads" folder and at least one file in there
   (d) The "Desktop", and at least one file there

   Draw the tree so that it's trunk is your home folder. Use extra sheets if needed.

See
last page

3

4. How can code in the in-class folder access the file in the "Downloads" folder?

   (a) Mark this on the tree with arrows
   (b) Write down the short (computer) form path
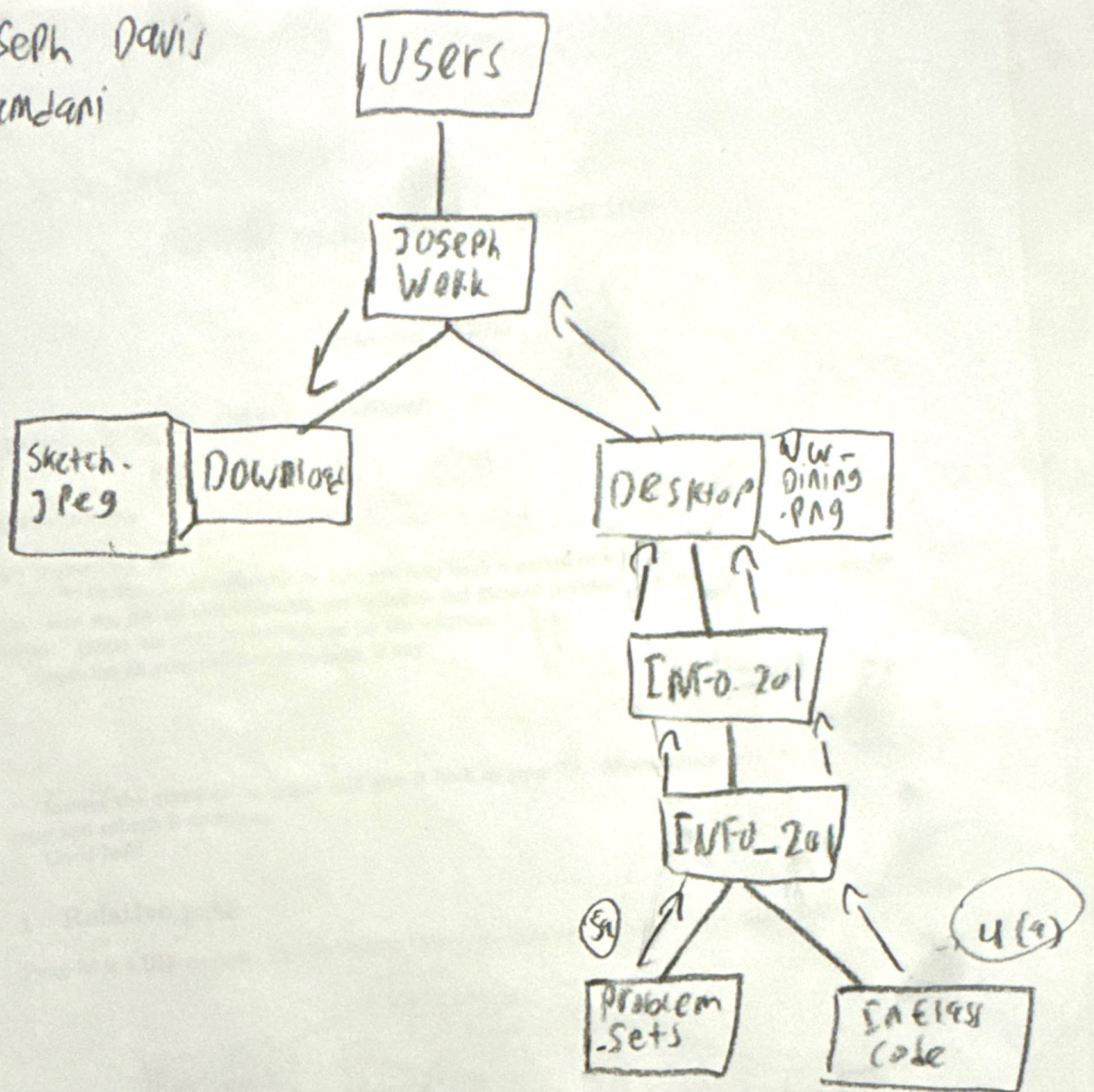
b) ../../../ Download / Sketch. Jpeg

5. How can your problem set load the file on your Desktop?

   (a) Mark this on the tree with arrows
   (b) Write down the short (computer) form path

b) ../../../ VW- Ding. Png

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Joseph Davis
Chamdani

Users

Joseph
Work

Sketch.
JPeg

Downlod

Desktop

VW-
Dining
.PNg

INFO_201

INFO_201

SN

U(q)

Problem
_Sets

SAE19S
Code

Note = Problem Sets ≈ Homework
For me