



Instructions: Please answer the following questions below making sure to write your answers legibly. If you run out of room or need to re-write please use the back of this quiz. Put your name on the line above.

The graphic on the left denotes the file system on a machine that we are using. We will use it to answer the questions below. A few important notes:

- On the graphic directories are underlined.
- Any other object should be considered a file.
- **For each question assume that you are starting from the original file system.** You should ignore any changes to the file system you made in previous questions.
- You will be graded for being unnecessarily complex in your solutions.
- While you are welcome to use **bash** syntax we have not learned in class I will be testing any solution on my machine. If it does not work or requires a non-standard package you will not receive credit.
- Unless otherwise stated all questions are worth the same number of points.
- All of the answers should be completed in a single line.

1. Your current working directory is `/home/maria`. Please print the first ten lines in `research/experiment.log` using a relative path.
2. You are currently in the `/home/john` directory. Using a relative path, list all the `.pdf` files which are in the `/home/maria/papers` directory.
3. Your current working directory is `/home/maria`. Please copy all `.pdf` files from the `papers` sub-directory to the `archive` directory. Use relative pathing.
4. Your current working directory is `/home/john`. The directory `/home/john/temp` has over 400 files in it (which is why they are not shown in the diagram). Please create a file `/home/john/temp_list.txt` which contains a list of all files (including hidden) in the `/home/john/temp` directory.
5. Your current working directory is `/home/maria`. Please return all lines in `papers/draft.txt` which have the word **results** in it. This should be a case-insensitive search.