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1.	1 E	Box Location
ssh root@142.93.64.31 1.2 Password		
CS	SC50	5project
1.3	3 F	Project Folders
	• T	here is a folder in our repository organized with the grader in mind
$/\operatorname{root}/505\operatorname{pl}/\operatorname{ForGrader}/$		
1.3		Where is the data on our Droplet? the data for the sorts is located in the following directory:
/root/csc505-spring-2022/Project1/		

1.4 Example Process For Comparing Sorts

- The following sequence of commands will populate the (currently empty) plots, output, and sorted files.
- We have adjusted our scripts for this demo so that they will run in a few seconds.
- Please make sure that you are in the following file: /root/505p1/For-Grader
- This will run the three different sorts on some of the small files in B in order to allow you to see the quadratic nature of insertion sort take over the extra time spent allocating memory in merge sort.

```
python3 runner_copy.py B ALL c 1000 python3 readSteveRuns.py
```

2 Basic Run

The information below this point in the README is no longer specific to our Droplet. These commands can be run on the VCL

python3 main.py logFile outputFile type(m/i/t) cost(c/e) numRuns

2.1 Parameters

- logFile is the name of the file to sort
- outputFile is the destination of the sorted file
- type refers to whether insertion sort, merge sort, or timsort is used. Input is m, i, or t.
- cost refers to whether the "cheap" or "expensive" version of our comparison is used. Input is c or e.
- numRuns is how many times to repeat the sort

3 Output

m/i/t, cheapOrExpensive, logFile, isSorted, readTime, sortTime