

5. Exercises

If disk.py fails with error "ImportError: No module named Tkinter": **sudo apt install -y python-tk**
or just comment out the line: `from Tkinter import *` and don't use the graphics -G option

Exercises from the book using [disk.py](#):

Defaults: Seek time = 40 per track, Rotate time = 30 per sector

```
$ python ./disk.py -a 7,30,8 -c -p FIFO
```

REQUESTS [7, 30, 8]

Block:	7	Seek:	0	Rotate:	15	Transfer:	30	Total:	45
Block:	30	Seek:	80	Rotate:	220	Transfer:	30	Total:	330
Block:	8	Seek:	80	Rotate:	310	Transfer:	30	Total:	420

TOTALS		Seek:	160	Rotate:	545	Transfer:	90	Total:	795
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```
$ python ./disk.py -a 7,30,8 -c -p SATF
```

REQUESTS [7, 30, 8]

Block:	7	Seek:	0	Rotate:	15	Transfer:	30	Total:	45
Block:	8	Seek:	0	Rotate:	0	Transfer:	30	Total:	30
Block:	30	Seek:	80	Rotate:	190	Transfer:	30	Total:	300

TOTALS		Seek:	80	Rotate:	205	Transfer:	90	Total:	375
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