

O.S. Project 3
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Screenshot of Output: (two runs, with buffer sizes of 5 and 10)

```
tkistler@lab10: ~/project3
tkistler@lab10:~$ cd project3
tkistler@lab10:~/project3$ ls
OSproject3  OSproject3.jar  README.txt
tkistler@lab10:~/project3$ java -jar OSproject3.jar 5
Buffer Size: 5

Consecutive
-----
FIFO Page Fault Rate: 11.13%
LRU Page Fault Rate: 10.67%
Clock Page Fault Rate: 11.08%
Optimal Page Fault Rate: 6.33%

Round Robin
-----
FIFO Page Fault Rate: 83.01%
LRU Page Fault Rate: 77.95%
Clock Page Fault Rate: 82.63%
Optimal Page Fault Rate: 66.82%
tkistler@lab10:~/project3$ ^C
tkistler@lab10:~/project3$ ^C
tkistler@lab10:~/project3$ java -jar OSproject3.jar 10
Buffer Size: 10

Consecutive
-----
FIFO Page Fault Rate: 11.13%
LRU Page Fault Rate: 10.67%
Clock Page Fault Rate: 11.08%
Optimal Page Fault Rate: 6.33%

Round Robin
-----
FIFO Page Fault Rate: 83.01%
LRU Page Fault Rate: 77.95%
Clock Page Fault Rate: 82.63%
Optimal Page Fault Rate: 66.82%
tkistler@lab10:~/project3$
```

Instructions: (also in readme.txt)

To run project:

Change working directory to "project3"
enter: java -jar OSproject3.jar n

where n is the size of the buffer

examples

```
java -jar OSproject3.jar 5  
java -jar OSproject3.jar 10
```

The above commands would result in buffer sizes of 5 and 10 respectively

Note:

The 5 text files are already built into the jar file.

To view code:

All code is included within the folders at project3/OSproject3/...

The code from this folder can be run/viewed in eclipse or similar IDE