

Cameron Priest  
CPE 453  
Lab 7

### Sample Output on UNIX 1:

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cpriest@unix1:/home/cpriest/csc453/lab7 $ make clean
rm -rf virtual
rm -rf output.txt
cpriest@unix1:/home/cpriest/csc453/lab7 $ make
gcc -Wall virtual.c -o virtual
cpriest@unix1:/home/cpriest/csc453/lab7 $ ./virtual addresses.txt
Addr 1: 16916 Page fault!
Addr 2: 62493 Page fault!
Addr 3: 30198 Page fault!
Addr 4: 53683 Page fault!
Addr 5: 40185 Page fault!
Addr 6: 28781 Page fault!

... [not actually included in output- shortened]

Addr 65: 58584 TLB Hit! TLB[12], Page #228, Frame #60
Addr 66: 27444 Page fault!
Addr 67: 58982 TLB Hit! TLB[10], Page #230, Frame #58
Addr 68: 51476 Page fault!
Addr 69: 6796 Page table hit at page #26
Addr 70: 21311 Page table hit at page #83
Addr 71: 30705 Page fault!

... [not actually included in output- shortened]

Addr 996: 17071 Page table hit at page #66
Addr 997: 8940 Page table hit at page #34
Addr 998: 9929 Page table hit at page #38
Addr 999: 45563 Page table hit at page #177
Addr 1000: 12107 Page table hit at page #47
cpriest@unix1:/home/cpriest/csc453/lab7 $ diff output.txt correct.txt
cpriest@unix1:/home/cpriest/csc453/lab7 $ ./virtual

Please enter a file with addresses as input:
./virtual addresses.txt

cpriest@unix1:/home/cpriest/csc453/lab7 $
```