

```

user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$ make clean
rm -f test1 test2 *.o *~
user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$ make
gcc -g -Wall -c test_assign2_1.c -lm
gcc -g -Wall -c storage_mgr.c -lm
storage_mgr.c: In function 'openPageFile':
storage_mgr.c:57:9: warning: variable 'tot_num_pages' set but not used [-Wunused-but-set-variable]
   57 |         int tot_num_pages;
       |         ^
gcc -g -Wall -c dberror.c
gcc -g -Wall -c buffer_mgr.c -pthread
gcc -g -Wall -c buffer_mgr_stat.c
gcc -g -Wall -o test1 test_assign2_1.o storage_mgr.o dberror.o buffer_mgr.o buffer_mgr_stat.o -lm -pthread
gcc -g -Wall -c test_assign2_2.c -lm
gcc -g -Wall -o test2 test_assign2_2.o storage_mgr.o dberror.o buffer_mgr.o buffer_mgr_stat.o -lm -pthread
user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$ chmod -R 777 /home/user1/Downloads/vscode/assignment_2/4/assign2
user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$ ./test1 0>1.txt 1>1.txt 2>1.txt
user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$ ./test2 0>2.txt 1>2.txt 2>2.txt

```

```

user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$ ./test2 0>2.txt 1>2.txt 2>2.txt
user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$ ls -ltr
total 3708
-rwxrwxrwx 1 user1 user1 2541 Feb  1 14:32 test_helper.h
-rwxrwxrwx 1 user1 user1 6896 Feb  1 14:32 test_assign2_2.c
-rwxrwxrwx 1 user1 user1 7975 Feb  1 14:32 test_assign2_1.c
-rwxrwxrwx 1 user1 user1 1769 Feb  1 14:32 storage_mgr.h
-rwxrwxrwx 1 user1 user1 1240 Feb  1 14:32 Makefile
-rwxrwxrwx 1 user1 user1 201 Feb  1 14:32 dt.h
-rwxrwxrwx 1 user1 user1 640 Feb  1 14:32 dberror.c
-rwxrwxrwx 1 user1 user1 321 Feb  1 14:32 buffer_mgr_stat.h
-rwxrwxrwx 1 user1 user1 2160 Feb  1 14:32 buffer_mgr_stat.c
-rwxrwxrwx 1 user1 user1 1838 Feb  1 14:32 buffer_mgr.h
-rwxrwxrwx 1 user1 user1 1618 Feb 21 10:16 dberror.h
-rwxrwxrwx 1 user1 user1 9066 Feb 21 12:09 storage_mgr.c
-rwxrwxrwx 1 user1 user1 33818 Feb 21 15:57 buffer_mgr.c
-rwxrwxrwx 1 user1 user1 6478 Feb 21 16:12 README.md
-rwxrwxrwx 1 user1 user1 39720 Feb 21 16:17 test_assign2_1.o
-rwxrwxrwx 1 user1 user1 17952 Feb 21 16:17 storage_mgr.o
-rwxrwxrwx 1 user1 user1 5560 Feb 21 16:17 dberror.o
-rwxrwxrwx 1 user1 user1 27072 Feb 21 16:17 buffer_mgr.o
-rwxrwxrwx 1 user1 user1 10200 Feb 21 16:17 buffer_mgr_stat.o
-rwxrwxrwx 1 user1 user1 61736 Feb 21 16:17 test1
-rwxrwxrwx 1 user1 user1 39088 Feb 21 16:17 test_assign2_2.o
-rwxrwxrwx 1 user1 user1 61760 Feb 21 16:17 test2
-rw-rw-r-- 1 user1 user1 1495869 Feb 21 16:18 1.txt
-rw-rw-r-- 1 user1 user1 409600 Feb 21 16:18 testbuffer.bin
-rw-rw-r-- 1 user1 user1 1493061 Feb 21 16:18 2.txt
user1@ubuntu1:~/Downloads/vscode/assignment_2/4/assign2$

```

OutputFile: 1.txt:

[illegible]

