

Group 03

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Various C program files were written and then compiled into coff files that can be executed by the nachos simulated MIPS processor. These C programs were written to test the second phase of the nachos implementation. The files of interest are all located within the test directory, they are as follows:

- TESTS1.c	- TESTS1.coff
- TESTS2.c	- TESTS2.coff
- TESTS3.c	- TESTS3.coff
- TESTS4.c	- TESTS4.coff
- TESTS5.c	- TESTS5.coff
- TESTS6.c	- TESTS6.coff
- readFile.c	- readFile.coff
- writeFile.c	- writeFile.coff

These C programs test the functionality of tasks 1 and 3, while the functionality of task 2's implementation is tested through UserProcess's selfTest() method.

To run any of the C programs, simply enter the following in the proj2 directory:

```
/nachos/proj2 $ nachos -x programName.coff
```

Setting the 'a' debug flag displays additional information, which is very useful for the tests involving exec and join. Specifically TESTS4.coff & TESTS5.coff. This can be accomplished by entering the following command:

```
/nachos/proj2 $ nachos -x TESTS4.coff -d a    -or-  
/nachos/proj2 $ nachos -x TESTS5.coff -d a
```

To run task 2's selfTest() method, simply enter the following in the proj2 directory:

```
/nachos/proj2 $ nachos -d j
```