

# UNIT TESTING REPORT

- **Makefile:**

```
sprint: main.o stringvalid.o createList.o addtoList.o validAdd.o invalidFile.o assignJob.o displayList.o
    gcc -o ../bin/sprint.exe ../obj/main.o ../obj/stringvalid.o ../obj/createList.o ../obj/addtoList.o
    ../obj/validAdd.o ../obj/invalidFile.o ../obj/assignJob.o ../obj/displayList.o

projtest: testdriver.o stringvalid.o testsuite.o
    gcc -o ../bin/projtest.exe ../obj/testdriver.o ../obj/testsuite.o ../obj/stringvalid.o -lcunit

testdriver.o: ../src/testdriver.c
    gcc -o ../obj/testdriver.o -c ../src/testdriver.c -lcunit

testsuite.o: ../src/testsuite.c
    gcc -o ../obj/testsuite.o -c ../src/testsuite.c -lcunit

main.o: ../src/main.c
    gcc -o ../obj/main.o -c ../src/main.c -lpthread -Wall

stringvalid.o: ../src/stringvalid.c
    gcc -o ../obj/stringvalid.o -c ../src/stringvalid.c -lpthread -Wall

createList.o: ../src/createList.c
    gcc -o ../obj/createList.o -c ../src/createList.c -lpthread -Wall

addtoList.o: ../src/addtoList.c
    gcc -o ../obj/addtoList.o -c ../src/addtoList.c -lpthread -Wall

validAdd.o: ../src/validAdd.c
    gcc -o ../obj/validAdd.o -c ../src/validAdd.c -lpthread -Wall

invalidFile.o: ../src/invalidFile.c
    gcc -o ../obj/invalidFile.o -c ../src/invalidFile.c -lpthread -Wall

displayList.o: ../src/displayList.c
    gcc -o ../obj/displayList.o -c ../src/displayList.c -lpthread -Wall

assignJob.o: ../src/assignJob.c
    gcc -o ../obj/assignJob.o -c ../src/assignJob.c -lpthread -Wall
```

- **CUnit Report:**

```
CUnit - A unit testing framework for C - Version 2.1-3  
http://cunit.sourceforge.net/
```

```
Suite: Suite valid or invalid
```

```
Test: test of valid() in normal cases ...passed
```

```
Test: test of invalid() in error cases ...passed
```

```
Run Summary:
```

Type	Total	Ran	Passed	Failed	Inactive
suites	1	1	n/a	0	0
tests	2	2	2	0	0
asserts	10	10	10	0	n/a

```
Elapsed time = 0.000 seconds
```