```c
#include <stdio.h>

#include <stdlib.h>

/* * Simple C Test Suite */

long factorial(int arg);

void testFactorial()

{

int arg;

long result = factorial(arg);

if(1 /*check result*/)

{

printf("%%TEST_FAILED%% time=0 testname=testFactorial (newsimpletest)
message=When value is 1 this statement is executed.\n");

}

}

void testNew()

{

int arg = 8;

long result = factorial(arg);

if(result != 40320)

{

printf("%%TEST_FAILED%% time=0 testname=testNew (newsimpletest) message=Error
calculating %d factorial.\n", arg);

}

}

int main(int argc, char** argv)

{

printf("%%SUITE_STARTING%% newsimpletest\n");

printf("%%SUITE_STARTED%%\n");

printf("%%TEST_STARTED%% testFactorial (newsimpletest)\n");

testFactorial();

printf("%%TEST_FINISHED%% time=0 testFactorial (newsimpletest)\n");

printf("%%TEST_STARTED%% testNew (newsimpletest)\n");

testNew();
```

```c
    printf("%%TEST_FINISHED%% time=0 testNew (newsimpletest)\n");

    printf("%%SUITE_FINISHED%% time=0\n");

    return (EXIT_SUCCESS);

}
```