AVENGERS – Battle of Pintos!

The Avengers were desperately trying to stop Loki from creating mayhem in the land of Pintos!

Loki had secretly created a file in src/tests/threads called "hello-one.c" which could be used for 2 purposes :
    1. Nuke Pintos! (BOOOM!)
    2. Abort Mission.. (and fly off to Asgard, his home place)

Agent Romanoff managed to trick Loki and retrieved the file "hello-one.c" which is shown below:

```
#include <stdio.h>
void test_hello_one(int x)
{
     if(x == 2575)
           printf("I, Loki, THE most powerful GOD destroys the peaceful
                   land of Pintos *Evil-laugh* !!!!\n");
     if(x == 666)
           printf("Spiderman in Asgard??! Heaven's sake, I need to abort
                   this mission and fly off to my home.. :(\n");
}
```

She shared the above file with Tony Stark and Dr. Bruce Banner and finally the Avengers planned to create a file called "haha-one.c" which would somehow call the function test_hello_one() created by Loki and pass 666 as the secret parameter x and thus force Loki to fly off to Asgard.

TASK1:
Shown below is the incomplete file called "haha-one.c" created by Dr. Bruce and Tony.
Your task is to complete the function test_haha_one() so that land of Pintos remains safe for your next assignment :P

```
#include <stdio.h>
void test_haha_one(void)
{

}
```

TASK2:
Now that you have created "haha-one.c" successfully, Captain America is given the job of placing the file in correct location (src/tests/threads) and thus make necessary changes in tests.c, tests.h and Make.tests files (All of which reside in src/tests/threads).
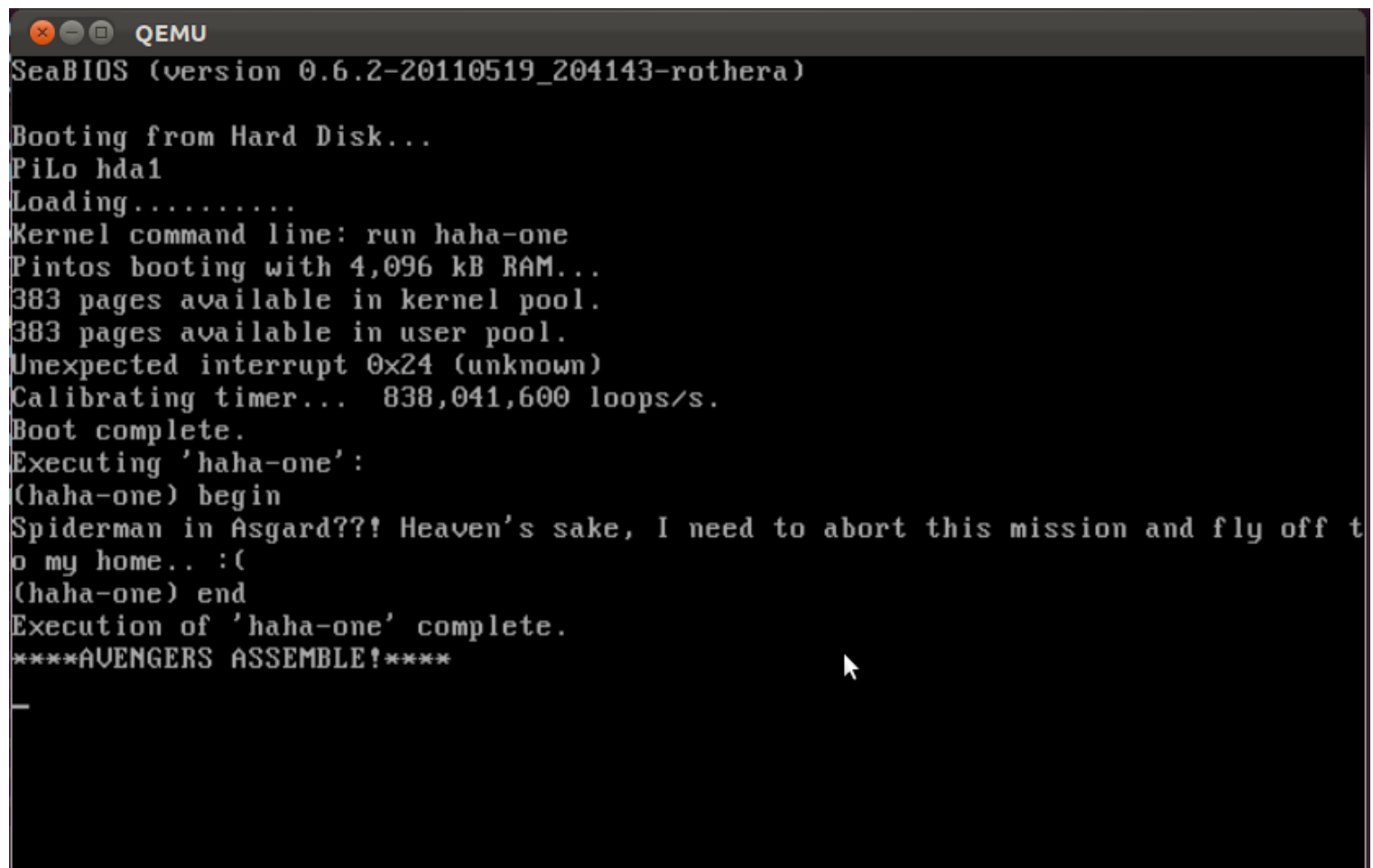
But wait! Here is a big goof-up. Since Captain is a man out-of-time, he accidentally places the "haha-one.c" in the pintos folder (i.e $HOME/pintos).

Hawkeye finally comes to the rescue and makes the last change required in Make.tests file to cover up Captain's mistake.

Nick Fury - "You have half an hour to accomplish the task and bring victory and joy in the land of Pintos, before Loki nukes down the whole city..
        Good Luck Avengers!"

BONUS TASK:


```
    QEMU
SeaBIOS (version 0.6.2-20110519_204143-rothera)

Booting from Hard Disk...
PiLo hda1
Loading.........
Kernel command line: run haha-one
Pintos booting with 4,096 kB RAM...
383 pages available in kernel pool.
383 pages available in user pool.
Unexpected interrupt 0x24 (unknown)
Calibrating timer...  838,041,600 loops/s.
Boot complete.
Executing 'haha-one':
(haha-one) begin
Spiderman in Asgard??! Heaven's sake, I need to abort this mission and fly off t
o my home.. :(
(haha-one) end
Execution of 'haha-one' complete.
****AVENGERS ASSEMBLE!****
_
```

Where would you make change(s) so that the ****AVENGERS ASSEMBLE!**** signature is displayed as shown in the above screenshot!?

Note:
1. All the tasks require very few modifications and are covered as part of your first assignment
2. Do not Copy.
3. You have access to your laptops/machines, so pintos source code is available to you.