Exercise 5 - Testing on a Target

Recompile the solution from exercise 3 and test it on target following the same line of thinking as in exercise 4.
Compare your findings with those in that of exercise 4.

Implementation

The source code from exercise 4 is compiled to an executable file and programmed to the target without any changes.

Results and Discussion

**Are the parameters that you found to present problems on the host the same that yield problems
on the target?**
Why do you experience what you do?

Trying to run the program on the RPi returned less failures, than when runned on the Virtual Machine (VM). However this was far
from what was expected, since the virtual mashine has a way more powerfull CPU. On the picture below, we see that the RPi only
has 1 failure for every 10 on the VM.
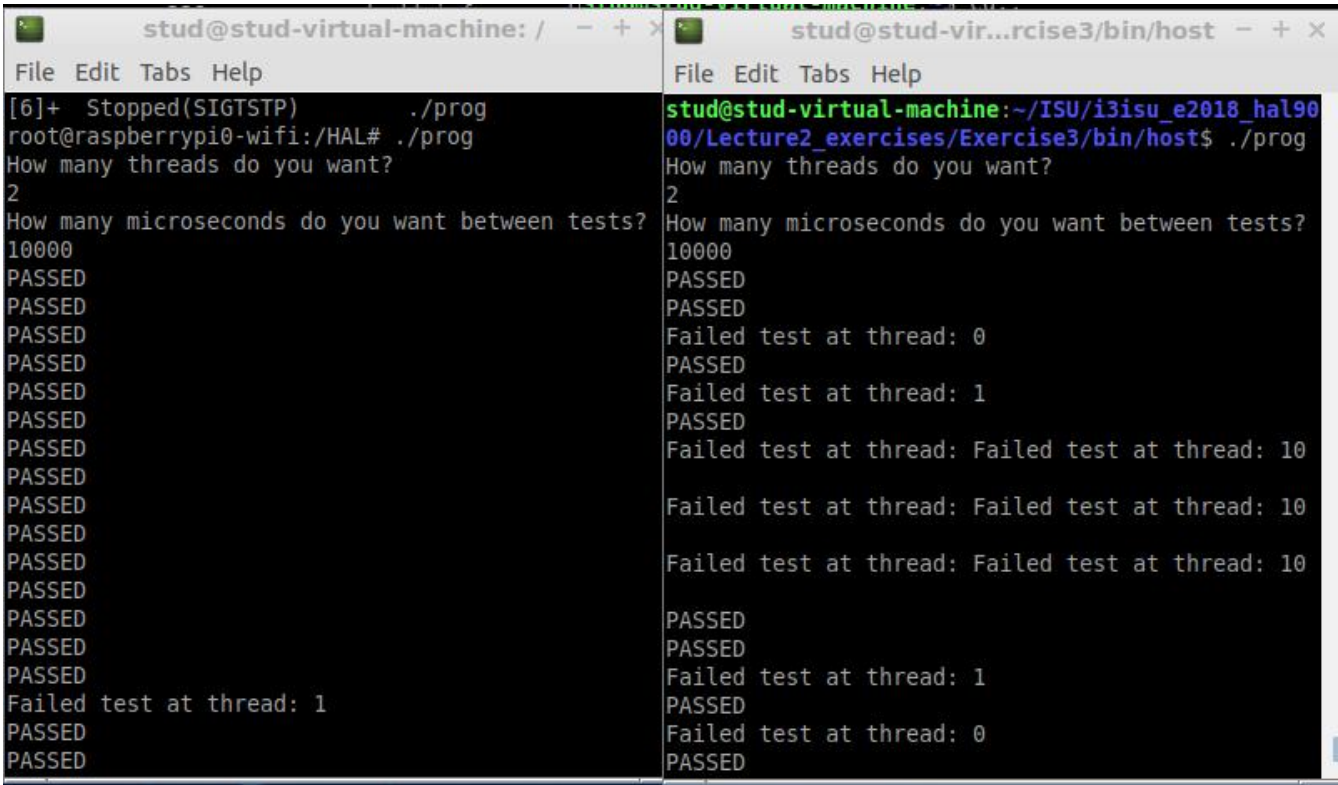
We're not sure why this is the is the case, but a guess could be, that the VM has other processes running in the background, while
the RPi only has to run the code. We testet this hypothesis by loading the CPU of the VM, while running the program. This resulted in
a lot more mistakes, than when leaving the VM.

Filer

Host_test1.png	61,6 KB	2018-09-18	Brian Nymann