NACHOS PROGRAMMING ASSIGNMENT 0

Ghous Ali Amjad, Muhammad Saad Hussain, Momina Haider

CS 370 - OPERATING SYSTEMS, LUMS

EXECUTION TRACE OF NACHOS

This project has been adapted from the Nachos project of the CS 162 Course at Washington University.

By now, you already know how to run the nachos executable and the debugger. Your job is simple ☺ . As the program executes, you need to track the trace of execution using the debugger and see which part of the code is executed! Step in all the functions you can find and see what each function is actually doing. It will be a bit confusing at first but it is very important to know how exactly program execution takes place in Nachos. You can always ask the TAs if you don't inderstand what is happening. It is imperative that you do so now, so that you are not confused later on in the rest of the assignments as all other assignments wil build up on this.

Make your trace as a list. Write down the name of the function that you discover and its arguments.
e.g.

```
Main
    Fucntion1(arg 1, arg 2)
        Fucntion1_1(arg 3, arg4)
    (back to main)
    Fucntion2(arg5)
Terminated
```

The actual trace should look something like this:

```
int main(int argc, char **argv)

        ThreadTest()

                ThreadTest1()

                        Thread(*threadName =
                "forked thread")
                        .
                        .
                        .
                        .
```

Good Luck! ☺