```lua
--500K baud. set your baud rate here.
initCAN(0, 500000)

setTickRate(30)  --onTick() will be called at 30Hz.

--this function drains all pending CAN messages
--and outputs messages to the log
function outputCAN()
    repeat
        id, ext, data = rxCAN(0, 100)
        if id ~= nil then
            print(id ..', ')
            for i = 1,#data do
                print(data[i] ..', ')
            end
            println('')
        end
    until id == nil
end

function onTick()
    outputCAN()
end
```

```
[lua] Starting Lua Task
[lua] Loading script. Length: 429
Initializing CAN0 with baud rate 500000
CAN init success!
[lua] Successfully loaded script.
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
401604624.0, 32.0, 16.0, 0.0, 0.0, 0.0, 0.0, 0.0, 0.0,
```